BIHAR PEASANT LIFE,

BEING

A DISCURSIVE CATALOGUE

OF THE

SURROUNDINGS OF THE PEOPLE OF THAT PROVINCE.

WITH MANY ILLUSTRATIONS PROM PROTOGRAPHS TAKEN BY THE AUTHOR.

Prepared, under Orders of the Cobernment of Bengui,

BY

GEORGE A. GRIERSON, B.C.S., M.A.S.B., M.R.A.S.,
PRILOW OF THE UNIVERSITY OF CALCUTTAL PORREST RESIDENCE AND MINDUSTRIES
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Sir Augustus Ribers Thompson,

K.C.S.I., C.I.E.

IN GRATEFUL ACKNOWLEDGMENT

OF THAT COUNTENANCE AND ASSISTANCE WITHOUT WHICH IT WOULD

NEVER HAVE BEEN WRITTEN,

THIS BOOK

IS DEDICATED

BY

THE AUTHOR.

INTRODUCTION.

While this work-professes to be a catalogue of the names used by the Bihār peasant for the things surrounding him in his daily life, yet, in order to relieve the dryness which such a mere list would possess, the writer has attempted to give a description, more or less complete, of that life and of its character and incidents. The book is in fact a discursive catalogue, and it is hoped that it may serve as a solid foundation for more elaborate disquisitions on the Bihār raiyat and his surroundings.

Such a work as this is nothing if not accurate, and no ordinary pains have been spared to compass the greatest accuracy possible. Existing treatises on Indian rural life are not always trustworthy; and as it is impossible to tell what is and what is not correct in them, the writer has avoided taking them as the groundwork of his compilation. Every word in this book has been collected from the mouths of the people, and noted on the spot where it was spoken, either by the writer himself or by one of his assistants. When the work began to assume shape, it was carefully compared with every available book of reference, and where discrepancies occurred, they were either reconciled or explained. Finally the proof-sheets have been circulated to all the Bihār districts, and have been again checked on the spot by competent observers, different from the original persons who collected the materials on which the book was founded.*

So far, therefore, as its contents go, this book may claim to be entirely original, and the writer hopes, to a certain degree, accurate. No originality can, however, be claimed for its general system and arrangement. This is closely modelled on Mr. Crooke's "Materials for a Rural and Agricultural Glossary of the North-Western Provinces

^{*} The writer would here tender his thanks to the various district officers of lihar, who have spared no trouble in having this local checking performed in a atisfactory manner. The amount of new information gained, and of mistakes and nisprints corrected through their help had beginn more securided by:

and Oudh." The writer has followed him very closely in the arrangement of his matter, and in many cases has not scrupled to use his very words when they were the most suitable that could be adopted. The vernacular words embodied in this book have in fact been brought together from two sources, viz. the writer's own private researches during the past seven years, checked and supplemented by actual translations of the words given by Mr. Crooke's work made by the writer's assistants once and sometimes twice over in every district of Bihar. It will thus be seen how much the writer is indebted to the latter gentleman. Mr. Crooke's book differed from the present work in being to some extent a compilation from existing dictionaries; and as these were not all of them as accurate as could be wished, it was impossible that it should not contain some mistakes. But as one who has probably worked through it with more minute attention than most people, the writer gladly bears witness to its general accuracy. This may be considered as really wonderful, when the extremely slovenly scholarship of some of the books on which Mr. Crooke had to depend is taken into account.

In the present work every native word is written twice over—once with accuracy in the native character for those who are able to read it, and once in the English character for those who are not acquainted with the Indian vernaculars. This transliteration does not pretend to be scientifically accurate. Such a transliteration with its discritical dots and dashes would only puzzle those for whom it is intended, viz. those who are ignorant of the language. All that has been attempted for them is to give them a general idea of the correct pronunciation of the words, without professing to tell them the exact pronunciation, which they hardly require, and which would be difficult to do. For these persons all that is necessary is that they should pronounce the vowels as in Italian, and the consonants as in English, and they will then approach sufficiently near to the way in which the natives themselves pronounce the words.† For those who are acquainted with the

^{*} Allahabad, 1879. Printed at the North-Western Provinces and Oudh Government Press. The writer would take this opportunity of acknowledging his indebtedness to Mr. Crooke for this really admirable work. Without it the present book could never have been written without an expenditure of labour which few district officials like the writer would have been able to bestow.

[†] The system of transliteration adopted may be briefly described as the Jonesian system, with every possible discritical mark omitted. In pursuance of this the cerebral letters are given no dots, and, as nearly every final vowel is long, the long mark has been omitted from final vowels.

vernacular languages, no instructions for pronouncing the words in their vernacular dress are necessary.

In quoting Arabic and Persian words in the Nagri character, the dots, which are sometimes used to indicate an original s, &c., are omitted, for the reason that the words are given as they are pronounced in Bihar, and that all the dots in the world will not make a Bihari pronounce a's as other than j, or a sad as other than s.

In order to understand the meaning of the words which the writer has used to express locality, it is necessary to explain that, under the name Tirhut, he has included the whole tract which lies between the river Gandak on the west and the river Kosi on the east, and which is bounded on the north by the Nepal frontier and on the south by the Ganges. He, therefore, indicates under this term not only the districts of Muzaffarpur and Darbhanga, but also North Bhagalpur and North Munger (Monghyr). This was rendered necessary by the language of these latter tracts being practically the same as that of Darbhanga. By North-West Tirhut he means the Sitamarhi and Sadr subdivisions of Muzaffarpur; by South-West Tirhut, the subdivision of Hajipur; by North-East Tirhut, the Sadr and Madhubani subdivisions of Darbhanga and the Supaul subdivision of North Bhagalpur; and by South-East Tirhut, the Tajpur subdivision of Darbhanga, North Munger, and the Madaipura subdivision of North Bhagalpur. By North Bihar he means all Bihar north of the Ganges, and by South Bihar all Bihar south of it. When he speaks of the east or the west, the north-east or the north-west, he means, of course, the east, west, north-east, and north-west respectively of Bihar.

One more word of warning regarding these localities. When the writer says that a word is used in a certain place, he does not mean by implication that it is not used anywhere else. He means simply that the word has been noted by him in such and such a place, and not elsewhere. That it may be used elsewhere is very possible, and any notes on this or kindred topics addressed to the writer, care of the Secretary to the Bengal Government, Revenue and General Departments,* will be gladly welcomed.

Regarding the illustrations, they are all (with one distwo small exceptions) lithographed or cut on wood from photographs taken by

^{*} The writer would also suggest, as an excellent field for the discussion of an evarious points noted in this book, a magazine called *Punjāb Notes and Queries*, lited by Captain Temple, Cantonment Magistrate, Amritsar. Although pubshed in and taking its title from the Panjāb, this useful little work deals with ne whole of Northern

the writer, who is glad to be able to thank Mr. Schaumburg and the students of the Government School of Art, Calcutta, for the excellent pictures they have produced out of what, he must confess, were too often very indifferent photographs. The difficulties experienced by the writer in taking some of these pictures were great. The most ludicrous reports spread through the city concerning his work. The camers of course was looked upon as a fearful engine of destruction, and sometimes half an hour has been wasted in futile diplomacy to persuade an old lady to allow the lens to be pointed at her. Under these circumstances photographs had almost always to be taken by the instantaneous process, which, however certain it may be in the hands of the professional, frequently disappoints the mere amateur. The last photograph the writer took—that of a native house—was spoilt because the grandmother of the family refused to allow any of the children to appear in the picture, her reason being that the Government was building the bridge across the Gandak and wanted children to bury under its foundations. Just, however, as the plate was exposed, one of the little boys determined to immortalize himself, and leaped in front of the lens to the dismay of the female members of his family. He had his wish in appearing in the picture, but he was so near the lens that he covered half of it with his shoulders. On other occasions the writer was believed to be collecting carts and boats for the Egyptian war, or to be counting the wells in the country, because he knew a famine was approaching, and so on ad infinitum. However, the pictures were finally taken, and, such as they are, are certainly accurate representations of the originals.

In conclusion the writer has to draw attention to the thoroughness and accuracy with which his assistants Munshi Dilawar Ali and Munshi Moti Lal have done their portion of the work. The former has, the writer much regrets to say, died since the above was first written. The latter has been his assistant to the last, and the writer begs to record his high sense of his industry and intelligence, and to recommend his services to the favourable notice of Government.

ADDENDA ET CORRIGENDA.

A good many types have broken in the process of printing. Advantage is taken of this list of errata to add information obtained after the sheets went to press.

These addenda and corrigenda are printed on one side of the paper mly, and can be cut up and pasted in the appropriate places in the

ook.

Page.	Line.	Section.		For		Read.
3	5		समधर		•••	सभग्धर.
5		27	फक्षोदा, फक्षो	रा	•••	फडोड़ा, फडोटा.
10	16		दली वा	•••	•••	टिक्या.
13	*****	63	फक्या	•••	•••	फक्षा.
17	4		खासा	***	•••	खना.
21	4		चारक	***	•••	चाबुक.
22		113	बागाडीर bāg	dor	•••	बाग डोर bag dor,
23	7 from bottom.	•••••	च व्यव वें भग्ना	•••	•••	चखार्वे धाना.
24	8		वेंतरकी	•••		वें तन्त्री.
25	Last line of foot- note.	•••••	१के	***	,	दे च्छे .
26	*****	137	चप्रण्यो	***		भवग्दी,
27	2		मबोद्ध	•••		नवॉबू.
34	2	*****	व्यूडिकारी	112		च दिवारी.
42	*****	230	पडेंबी	***		पटेकी.
44	111449	238	यूते, इते वाणि	ÀŤ		वृते, इतंग्वित्याः
52	5	114	रें क्षश	***		हें सुहा.
58	******	317	चवत ग्रा	***		बर्तररा.
63	5	****	upper screw	***	•••	upper roller.
63	Title of	illustra	OWARKI	*	1	זייזי אי פיי אי זיין פי

Page.	Line.	Section.	For		Read.
78	15		वक्रकर ,	***	वसंग्या.
85		404	जक्दा		जब्दा.
87	17		हरसग	gard or a	इरम्बा.
99	29	******	गरीव	•••	गरीय-
95	1	•••••	वमास्वाचा	•••	तमासवाचा.
"	2	•••••	तमाकुकावाका	•••	वसासुबन्दासाः
29	Last	*** ***	dornsa	•••	dorassa.
96	18	••••	nariyal	•••	nariyāl.
97	Last	*****	चक्रार	•••	चत्राटी.
102	•••••	510	धीकानी	•••	वीकागी.
103	*****	516	चॅद्ना	•••	संदूता.
105	•••••	538	चकर सान chakar san	•••	चकरण्यान chakarsā,
108	*****	558	thatherar	•••	thathera.
109	*****	567	चँटा, चँटी	***	चूँटा, चूँटी.
110		570	गरि	•••	नरी.
111	*****	572	निवस	•••	निचिन्त.
"		13	kumhaïn	•••	kumhaiin.
99		575	पिँवरी ,	•••	मिं दुरी.
112	•••••	584	मग्रमा	•••	प्रवारा.
113	14	*****	सर्द	•••	ē ₹.
114	,	586	वागको	***	कागण्जी.
117	1	*****	कोकन्सूप kolsüp	•••	कोचग्तुप kolsup.
128		660	विरम्बरा birkara	***	विरक्षा birahra.
134		718	परिवा	•••	भद्दे याः
141	••••	715	वर्त्वक	•••	मॅं वर्ण व.
145	*****	732	चाना jama	•••	जामा jāma.
152	*****	759	\$87. \$874		बहुर, धुँबन्द्
153	7.	4*****	उद्धरमा	93 3	बतरागा.
154	•••••	766	sari	{	eāri.
104		766	sart	••• }	eđri,

. Line.	Section.	For	Read.
3 from	100 040	विद्यक्षि	विषकी.
*****	771	किंकिति, श्रवंद, र्वशंद	किँकिनी, शहर, ग्रंबर-
2 from bottom			.
******	784a	Add—'A homestead is als	-
*****	786	After 'goriatta,' add—'or in goranti.'	South Bhagalpur बोरख
12		For 'aft' read 'atl.'	
•••••	794	Add—' Soil mixed with कॅकारोडिया kankrotiya, प्रयासीडी pathrauti in Sout	and hard rocky soi
*****	797	Before 'विश्वाकट,' insert ' 'and प्रोच,' add—' कनित k	
1	******	After 'chānch,' add-'or w	र परग्ती pak parti.'
	801	After 'melani,' add—' or f —'Irrigation from wells chās in South Bhagalpur.'	is कें दिया चास kunriye
	808	For 'That's heloti' read '	aral henwti."
*****	812	Hor 'un mait dhan ki dhankiyari.'	yāri' read 'धनरिकवार
	814	After 'alel bito,' add-'or	atl bero.
*****	"	After 'laugāchhi,' add-'o	नौगासी naugāchhi.'
*****	815	Add,—'Land producing br South Bhagalpur.'	ushwood is चरि jhānti i
*****	818	After 'phäran,' add—'ar	nd in South Bhagalpu
•••••	827	After 'dahina,' add-'e	nd in South Bhagalpu
******	828	For 'bhaunriya' read 'bi South Bhagalpur was' chaumandi,' For 'ward after 'other names on lamti in South Bhagalpur	ोंत mando jot or चीनवा दी 'road 'जना डेदो,' an rrent bre, 'add—'वनर

Line.	Section.	
	830	For 'चैंगाप्रव' read 'चैंगाप्रव.'
Last	*****	For 'करम्की वाबा' read 'करम्की बाबा.'
	837	For 'चरिक ने ' read 'चरिक ने,' and for ' इं किया ' read '' के किया.'
2		After 'somata,' add-' or पर समीघ har samaudh.'
	84.2	Add—'A ploughman who works for advances is স্থানীৰ saonkh in South Bhagalpur.'
	848	Add—'Manure is also called TT hūra in South Bhagalpur.'
	850	Add—'Heavily-manured land is also said to be uzive patā il north of the Ganges.'
	856	Add—'Barren seeds are called salkubbi in South Bhagalpur.'
3 .		For 'बावर' read 'बाबग.'
	859	After 'barua,' add-'and in South Bhagalpur and kubbi.'
•••••	862	After 'benga,' add—'and in South Bhagalpur विवर्ग bichra or विवन्तर bihantar.
		For 'alernia' read 'Aerinia.'
100	864	Add—'The bamboo on which the seedlings are carried is called ut the dharangi in South Bhagalpur.'
*****	866	Add—' Hoeing is called कॅकीनी kelauni or कमीनी kamauni in South Bhagalpur.'
*****	867	After ' kelauni,' add—' or कनी नी kamauni.'
•••••	871	For 'चक्र नेदा' read 'चक केदार.'
	873	Add—' Cane-cutting is पतीर पारव pataur pārab in South Bhagalpur.'
	875	After 'agra,' add-'or saint alga.'
1		For 'jhārjharāël' read 'jharjharāël.'
******	. 887	Add—'Treading grain is दलाही damāki in South Bhagalpur.'

age:	Line.	Section.	
92	*****	888	Add—'The first treading out of the grain is also called च्या khūa or बोचा khoa, and the second treading वराकार tarjhār in South Bhagalpur.'
11	3 from bottom.		For ' दोगम्हा dogha' read ' दोगहा dogaha.'
93		891	After 'च्या khūa,' add—'or कोचा khoa or पौर
.94	******	89 4	Add—'Loose straw that has been threshed is मीदा māra in South Bhagalpur.' After 'newāri,' add— 'or in South Bhagalpur गमोरी gabhauri.'
,,		895	Add—' बोरान ghoran is also used in South Bhagalpur.'
.95	•••••	896	After 'thathero,' add—'When applied to janera (holcus sorghum).'
.96		902	After 'kurtāli,' add-'when between tenant and subtenant.'
98		911	For 'ब्द बाघात khūd kāsht' read 'खुराबाघात khudkāsht.'
)01	••••	915	Add—'A man irrigating is in South Bhagalpur
103		918	After 'dhurka,' add-'or चपन्हा upta.'
04		922	Add—'The spring is in South Bhagalpur also क्षा bhūr or घोषा soa.'
08		939	Add—The 'wooden framework is called water jalāla in South Bhagalpur.'
14	5		For 'guia' read 'gui.'
39		958	For 'gंचा' read 'gंचा.'
24	14		For ' जॉरेंबा' read ' कोरवा.'
26	8 from bottom.		For 'nu' read 'nu."
28	4		For 'रहारेंडा' read 'रहारेंडा.'
>)	6		For 'at 'read' Fal.'
30		1001	For 'पदाएस' read 'सदाप्रव.'
47	10		For '1464' read '1458.'

Page.	Line.	Section.	
248		1050	For ' भीड bhit' read ' भीड bhith.'
253	5 from bottom.	•••••	For ' गनण्डका ' read ' गें नण्डका.'
273	••••	*****	In last column, for 'घरानी' ' read,' यसनी.'
274	10 from bottom.		For ' घवात' read' 'घावत.'
280	16 from bottom.	•••••	For 'बरसे' read 'बरसे.'
"	4 from bottom.	*****	For 'चानवास' read 'चनावस.'
2 81	3		For 'neede' read 'need.'
2 90		1110	For 'et' read 'et.'
2 92	<i>.</i>	1117	For 'रंक्सकर' read 'करंकर.'
2 99	:	1147	For ' saget' read ' saget'
300		1151	After ' kās charāi,' add—' काइ चराद् kāh charāi.'
310	13		For 'मक्याटी' read 'मक्याटी.'
**	15		For ' बसेन ' read ' सेंखन.'
,,	17		For ' बोरा' read ' बारी.'
316	10 from bottom.		For 'टकड़ी takahi' read 'टकड़ी takhi.'
818	12 from bottom.		For 'बेयाकी keyāli' read 'बेपाची keāli.'
322	- ,	12098	After ' rent-free,' add ' or revenue-free.'
323	8 from bottom.		For '1487' read '1482.'
330	. 2	*****	For 'money rents are always assessed,' read 'extra money rents are assessed.'
333	8 from bottom.	*****	For 'कृष्टनी' read 'काटनि.'
337	7		For ' बोबूबा ' read ' को बया.'
357	4 from bottom.	•	For ' जेवराष्ट्र' read ' जेवरहाड्.'
359		1285	For ' sta' read ' stal.'
360		1288	For 'want' road 'wat.'

			(7)
Mage	Line.	Section.	
3 66	197	1323	Add at end of section—'and in West Tirhut want lathangar.'
869	•••••	1338	Add at and of section—'and in West Tirhut विद्युविद्योगी khirkhiyauni.'
372		1349	Add—'The ceremony of cutting the nails is called in West Tirhut কীয় ছিল্লী nauh chhilli.'
389	4 from bottom.		For 'दोनी doni' read 'दौनी donni.'
391	3 from bottom.	•••••	For 'nagra' read 'nagar.'
412		1461	For 'धारनिक' read 'धारनिक.'
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2	,	No. 2	For 'ध्वसन्रा' read 'खसन्रा.'
**		No. 2a	For 'गफन्यन अजूद' read 'गञ्ज चफ्रन्जूद.'
14		14	For 'am' read 'ām.'
		15	For 'agi' read 'agi.'

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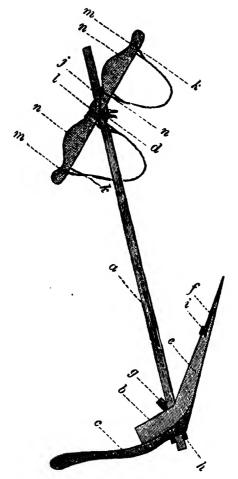
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The Country Plough.

(Note.—The front portion of the body is given in section, so as to show the position of the share.)

#### DIVISION 1.

## IMPLEMENTS AND APPLIANCES

USED IN

# AGRICULTURE AND RURAL MANUFACTURES.

#### SUBDIVISION I.

# IMPLEMENTS USED IN PREPARING LAND FOR CULTIVATION.

#### CHAPTER I.—THE PLOUGH.

- 1. The ordinary country plough is generally known as we har. Sometimes the Hindi form of the word, we hal, is used. In Gaya the word wing langal is also used.
- 2. चिनोरी khinauri is used for an old or worn plough. In the South-East and in North-West Tirhut this is देही thenthi, and generally over North-East and South Tirhut हेडा thentha. In Shahabad it is खुटचन्दा khutahra. A new plough is जवन्दा nawtha or जोटा nautha to the west, जवन्दा nawghar in Champāran, and खुन्दा lawtha generally over North-East and South Tirhut.
- 3. In West Bihār and South Bhagalpur चाँगड sānga, and in South Munger चाँगड sāngah, mean the plough and all its appurtenances, as in the sentence चाँगड (or चर चाँगड) छने चान विचार sānga (or har sānga) lene āw bahiyār,—bring the plough, &c., to the field.
  - 4. The various parts of the common plough are as follows:-
- 5. The beam (a).—North of the Ganges this is with haris, and so also in Shahabad. In East Tirhut it is also called with haris. In Patna, Gaya, and South Munger it is with sand. In South Bhagalpur it is to is. With haris is, however, understood more or less everywhere.

- 6. The body (b).—This is everywhere **T** har.
- 7. The handle or stilt (c).—In Shahabad and north of the Ganges this is used in Parihath; in the eastern portion of the latter tract it is also used lagan. Used in South Munger, Patna, and Gaya, and used nangno in South Bhagalpur. In South-Western Shahabad used parihat is used. The knob at the end of the body near the handle is in Patna used. The knob at the end of the body near the handle is in Patna used. The knob at the end of the south-west of the Ganges and in Shahabad use muth (or in the south-west of the district used chanduli), and in the south-east used muthing. In South Bhagalpur used makri is a piece used for mending it when broken. The first, second, and fourth names are only used if it is a separate piece of wood.
- 8. The notches on the beam (d), by which the share is raised or lowered.—In Sāran खेड़ा kherha, in Gaya खंडी kherhi, and in Shahabad खंडी kherhi. In Patna they are चेचा kheha, in Champāran चाला khāta, and throughout Tirhut चाड़ी khārhi. In South-East Tirhut it is also चड़ाचा kharha, and in South-East Bihār चाड़ा khonrha or काड kārh.
  - 9. The sole (e), in which the share is fixed.—

In West Bihar it is etc tor or etc tora. In East Bihar it is will nas or will nasa.

North of the Ganges the thicker end of the sole is called will manth or wint mantha.

- 10. The share (f).—Everywhere with phār. In North-East Tirbut also with phāra or with phāla, and in South-East Tirbut also with lohāma.
- 11. The wedge fixing the beam to the body (g).—North of the Ganges and in Shahabad and South Munger this is The pāt. Variants are The patta (Gaya), The pāta (South Tirbut and Patna), and The pāto (South Bhagalpur).

A second wedge is sometimes added, which is known as with chaili everywhere north of the Ganges and in Gaya and the southwest, and also as weed chelkhi in South-East Tirhut. In East Tirhut it is also called with cheri. Another name is with pāchar (in North-East Tirhut and Shahabad), or weigh pachri everywhere south of the Ganges. In South Bhagalpur it is called were with patr pāto.

12. The peg (h) passing through the shaft at the end, to prevent the body coming off.—This is across barain generally, or and barain

in Champaran and Tirhut; the latter is also used in South Munger. Other forms are, with baren in North-East Tirhut, access barhan in Saran, with baraini in Patna, and are baran in Shahabad. Other names are un usur sabh dhariya, un usur sat dhariya, in Patna, and unux sabhdhar in Gaya, because it holds the whole plough together. Also nives taraila in South Bhagalpur, nive taraili in South-West Shahabad, and unux humna in Patna.*

- 13. The iron clamp (i) for preventing the share falling off.—

  THE karuār or THE karuāra everywhere to the west. A variant is THE karuāri (Patna, Champāran, and West Tirhut). In South-West Shahabad it is also called THE khūra. In Patna it is also called THE jonka, and the same name is current all over Bihār. Tirhut and The chobhi are also used in South-East Tirhut. In North-East Tirhut a wedge is also used for the same purpose, and is called THE gāsi.
- 14. The yoke.—North of the Ganges always unit palo; so also in Patna, Gaya, and South Munger, with a variant unes pala in South Bhagalpur. In Shahabad and Gaya the word is generally unit, which is also sometimes used in Sāran and the east. Sometimes it is made up of two bars. The upper bar then is considered the yoke proper, and is hence usually called the unit juath. The lower bar is generally account tarsaila.

This double-bar arrangement is not commonly found in the plough yoke. It is more usually met with in the yoke for well irrigation (wis mot); so also the two following pins. As a general rule with pālo or wate juāth (according to locality) may be safely used for the single-bar plough yoke and for the double-bar irrigation yoke, and sate jūa for the single-bar cart-yoke. See § 938.

- 15. The outer pins, which join the two bars of the yoke, are ইয়া saila or বনীয়া samail to the west and মানিয়া kanail to the east. They are also মন-বিয়া kankilli in South Bhagalpur.
- 16. The inner pins are समेख samail or (Patna and the south-east) समेखा samaila and (Gaya) समेखा samaiya.
- 17. The leather thongs (j), which attach the yoke to the beam of the plough.—These are from Patna to the east of the South Gangetic tract, and in Champaran, with a variant with larni in

^{*} About ছুনানা humna there is a story of a Jolha (the proverbial fool of Bihār stories) who found a humna on the road and cried out in his foolishness पार्शी হব ল'বা, জিলীকাৰে ৰুনায় pāon har ke humna, kheti karab banāy,—I have found the rear peg of a plough, I'll turn a farmer at once.

North-West and South-East Tirbut, and optionally seed laran in South-East Bihār. West nādha and west naraili are used in Shahabad, and variants of the former word occur in seed ladha (South-East Tirbut), and we will har ladha or west ladha (North-East Tirbut), and we will har ladhi or we will har nādha over South Tirbut generally. West nādha is also used in Gaya. We will har nādha in Sāran is only used when they are of string. When they are of leather, in that district they are called sural duāli. South Bhagalpur has west donra or dur ledha.

- 18. The ropes (k) which go round the bullocks' necks.—These are everywhere except in the extreme west জানা jōti. In the extreme west (Sāran, Champāran, and Western Shahabad) the masculine form, জানা jōta, is the usual one. In North-East Tirhut they are also খনৰ samel or খনৰ samail, and in South Bhagalpur খাৰ্ড phansa.
- 19. The projecting knob (l) in the middle of the upper part of the yoke.—Round this the thongs which fasten the yoke to the beam are fixed. This is everywhere national mahādewa. Variants are nahādewa (Patna and Gaya) and nahādewa (South Munger). In South Bhagalpur it is nahādewa manjhwāra.
- 20. The notches (m) near each end of the yoke.—To these the ropes which go round the bullocks' necks are fixed. These are with khānri in Patna, with variants with khārhi in South-East Tirhut and with kherhi to the west. South-West Shahabad has with khaddhi. In Gaya the word used is will kanausi, and in South Bhagalpur that khāta, while there simal or maid nakti are optional names in South-East Tirhut.
- 21. The leaf of the yoke (n).—This is पत्ता patta, पत्ता patta, or (in South Munger) पत्तर pata and (in Saran) पाता pata.
- 22. The trough in which the share lies when fixed in the body is khol, or in South Bhagalpur and kholi.
- 23. The bamboo whip with which the bullocks are driven is day paina, and its lash is two chhiti in North-East Tirbut. Other names will be found in § 98 and ff.
- 24. A drill plough.—This is generally at tar, with variants in South-East Tirhut and attar in South Munger. The share is a tarsai. The thilla is the nail which fastens the share to the body. The bamboo pipe is in West Bihar ates bansa, also sometimes and bansa in Shahabad. In East Bihar this is generally attachonga, except in South Munger, where it is at a that har chanri.

The cup at the top, into which the grain is poured, is in West Bihār with māla or west malwa. In East Bihār it is west paila (sometimes spelt west païla or word paëla) or with māli. In South Munger it is also wast ukhri, and in Patna wast akri.

25. The sharpening of a ploughshare is called as follows in the various districts:—

Shahabad: बार पिडावस dhār pitāwal; or in the south west of the district बार करवावस dhār phargāwal.

Patna: बार बसन्ताम्ब dhar asraëb.

Gaya: चचार asar.

South Munger and South Bhagalpur: भार पजान dhar pajaw or

North of the Ganges generally: भार पिडावस dhâr pitāwal.

Also, North-West Tirbut and Saran: भार पिकारक dhar pijawal.

North-East Tirhut : भार पनाप्य dhar banaëb.

South-East Tirhut: भार करा भागन phar karā lāëb.

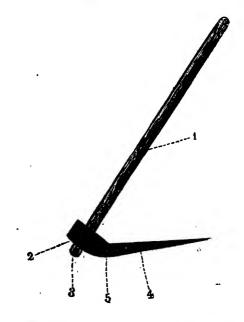
26. When a man wishes to plough deep he harnesses the yoke higher up the beam in the notches (d). This is called in West Bihār angār. In North-West Tirhut it is called wate lagār, and in the rest of Tirhut are tarakh. In South-West Shahabad it is called water awāë, in South Munger stat thārha, and in South Bhagalpur stathārh. Light ploughing is done in the converse way, and is known everywhere as a see, or in North-East Tirhut a seb.

#### CHAPTER II.-MATTOCKS AND SPADES.

- 27. A large mattock is in West Bihār and Gaya with phaura. Variants are with phahora (Patna and Gaya), with phahora (South Munger), with phaöra (Patna and Gaya), and west phahura or west pharuha in Shahabad. In South-West Shahabad it is with pharsa. In Tirhut it is gett kudār, and in South Bhagalpur and South Mungēr att kudār. Another name current in Gaya is with jhām or with jhāma. In the same district with ābhi is a heavy kind of wooden spade tipped with iron for hard soils, and with khurni or west khudni is a kind of spade.
- 28. A mattock with a narrower blade is क्यारी kudāri, कोटारि kodāri, or कोटारी kodāri. South of the Ganges it is also क्याकी kudāli.

wariety. In South Bhagalpur it is sel attent then the kodar.

29. The hardle is \$\frac{1}{2}z\ bent, and the upper end of it, which projects beyond the socket, TT hara or Thur, or (in South-West Tirbut) get mutha. Other names for this end are ust era or ustal arani, and in South Bhagalpur was pata. The ring or socket in the blade, to which the handle is fixed, is THE pas or THE pasa (or in South Bhagalpur पाची paso). In South-West Shahabad it is पंचारी pamwānri, and in South Munger (optionally) quist pasata. The curved part of the blade is in Saran and Patna with phari. Elsewhere, north of the Ganges and in South Munger, weal pharki. In Patna and South Munger it is also called we phal, in South Bhagalpur with pharo, and in Gaya भारी phāri. In Shahabad it is भार dhār, and in the south-west of the district was damph. The place where the ring and the blade meet is करो kanthi in Patna and Gaya, न में nahin in Shahabad, पन san or कर kanth in South Bhagalpur, and To sun in South Munger. In Saran the part of the handle which is grasped is as muth, and the corners area kāna. A new mattock is नवन्धर naughar, and a worn one उँडी thenthi.



^{1.} Bent (handle).

The Mattock (Phaura or Kodar).

^{2.} Pāsa (socket).

^{4.} Phari (blade).
5. Kanthi (neck).

^{3.} Hūra,

## CHAPTER, III.—THE HARROW.

- 30. This is usually the flat plank, with (in the east) a grove along the underside. It is dragged along the ground to break the clods after ploughing, while a man stands on it to give weight. In West Bihār and in South-East Tirhut it is called an henga, and in East Bihār more usually and chauki or and chauki. In Patna it is also called used silve, used patwe, or aniaral lagāwri.
- 31. When drawn by one pair of oxen—one ox at each end—it is called हैंगी hengi in Champāran, दुगोद्दी dugori in Tirhut, एक परा ek hara in South Bhagalpur, and दोवरादा dobarda elsewhere. When drawn by two pair of oxen—one pair at each end—it is called in North-East Tirhut चौगोद्दा chaugora, in the rest of Tirhut चरागोरी chargori, दो परा do hara in South Bhagalpur, and elsewhere चौवरादा chaubarda.
- 32. The pegs to which the hauling ropes are fastened are generally with khūnti. In Shahabad they are also called is sanrusa, and in the south-west of the district unit gulli. In Gaya they are a baunkha, in Patna and South Munger areas bahkha, and in South Bhagalpur ankora.
- 33. The hauling ropes are, north of the Ganges generally, and in West Shahabad, and barhi. North of the Ganges they are also with hengahi. In Shahabad chains used for the purpose are stat sinkar, and in Patna and Gaya sikar when used with four bullocks abreast. These words are also used in North Tirhut. In Patna they are also बारन chauk nāran when of rope. In South-East Tirhut they are also called महिन्द marikhar, and in South Bhagalpur अगरडोरी jagdori. In South Munger they are when made of chain, and without marikhar when made of rope, and Hullar majhautar is the rope or leather strap joining the two yokes when four bullocks are used. So also in Patna and Gaya. The last word is water majhotar in East Tirhut. In East Tirhut, when made of leather they are called मैरन mairun or चेदन merhan, and when made of rope acres barha or acres barhi. Sometimes long strips of bamboo are made to serve as hauling ropes. They are then called in South Munger seed kudandi, in South Bhagalpur वसन्त्रोनी bansjoti, and elsewhere वरीया araun.
- 34. The channel in the lower part of the plank to break the clods is in South Bhagalpur and ghaghri or and ghai, in South Munger and khadha, and elsewhere and khadha. The channel is generally the

hollow of the stem of the talipot palm, the harrow being composed of the split half of a log of that tree.



- 1. Henga (harrow).
- 2. Khūnti (pegs).
- 3. Barhi (ropes).

#### The Harrow (Henga or Chauki).

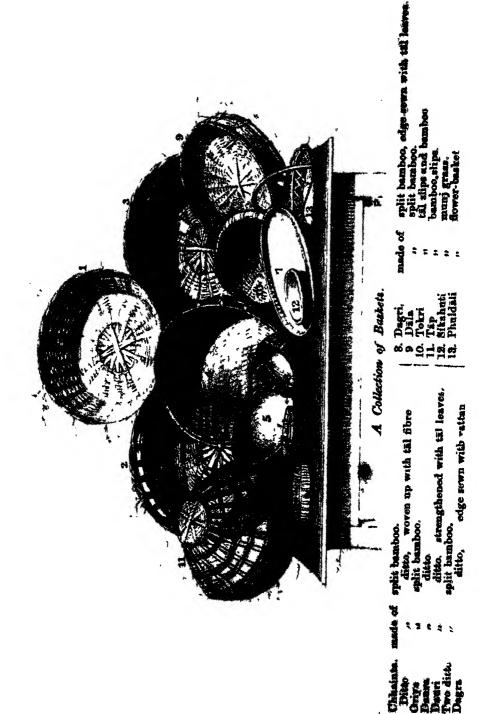
- 35. The cylindrical roller is rarely used in the field. It is called everywhere by a corruption of its English name, viz. ोस rol. The block itself is called पना palla (Patna), कही kari (Gaya), एकटा ektha in Shahabad, and सकड़ी lakri in South-West Shahabad. Elsewhere it is simply चौंको chaunki or चौंको chauki.
- 36. Sometimes the harrow is made of two parallel planks joined together. This is called খনা henga or খানা chauki, &c., as above.

#### CHAPTER IV.-RAKES USED IN FIELD WORK.

37. Rakes are seldom used. Sometimes a bundle of thorns is dragged over a field to soften the surface when it has been baked hard by the sun after rain or irrigation. This has no special name. In parts of Tirhut the कार्या kanta or क्योर मो khakhorni is a sort of rake or harrow worked by oxen to loosen the soil and extricate weeds from a crop of young rice. A प्राथिश pachphariya or (in Sāran) में कार्यो gelhni is a kind of plough with five shares used in indigo factories.

## CHAPTER V.-PICKAXES, PITCHFORKS, &c.

- 38. A pickaxe.—North of the Ganges this is নীৰা gainta, south of the Ganges it is নীৰা gainta or নীৰী gainti. In South Bhagalpur it is নীৰা gaincha, and in South Munger নাৰা gāta.
- 39. The dredger, used in well-sinking, has various names. In Shahabad, Sāran, and South Tirhut it is seem chalna, and in Champāran



नराजी tarchhi. In North-East Tirhut it is जीडी chhīti, जहाजी kathuli, or परिवा pathiya. जीडी chhīti is also used in South-East Tirhut, where also occur कडावन kathwat and (also in Shahabad) नगाड़ी tagāri. Elsewhere south of the Ganges it is गैना gainta or जनी khanti, and in South Munger जीडा chhīta.

- 40. The pointed iron spear for tapping the well-spring also has various names, viz. खुखा khunta north of the Ganges generally, मजाइंग gajāra in Sāran, and गोभानी gobhni in South-West Tirhut. In Gaya it is जोभाना khobhna, and in Shahabad जोभन khobhan, but in the south-west of the latter district it is जाराजा larha. In South Munger it is जेमन debhan, and in South Bhagalpur it is जाराजा gajāra or जानी khanti.
- 41. The hooked stick for pulling down fruit from trees is generally जगा lagga or अभी laggi. The hook of this is जुज़ी ankusi or (in South Bhagalpur) कामी kāni. The long pole with a small net at the end to catch the fruit as it falls is भोजा jhola, जोची khonchi, or (in Sāran) भोरा jhora. Another optional name in South Munger is जज़न्जरी jalkhari.

The short stick thrown up into fruit-trees to bring down fruit is দাহাৰা jhatha, and also (in Sāran) অৰুণী lagūsi.

#### SUBDIVISION II.

# IMPLEMENTS USED IN SOWING, WEEDING, AND IRRIGATION.

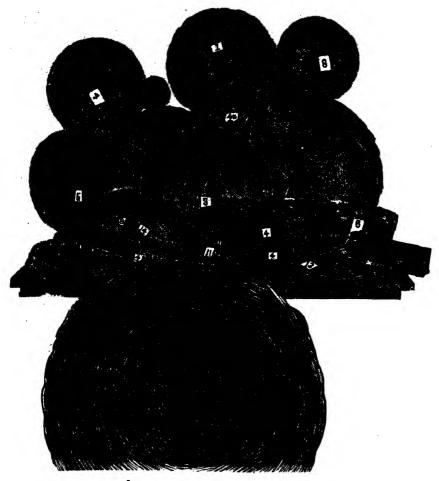
#### CHAPTER I.—BASKETS.

- 42. Baskets are generally woven of bamboo slips or twigs. Unless otherwise stated, this may be assumed of all the following.
- 43. Baskets used specially by the sower are called generally with ora, ora, or effect oriya (sometimes made partly with the fibre of the leaves of the tal palm); also we meet, to the west, we chhainti, and to the east eler chhita (a large one), eler chhita (a small one), or eler dauri. South of the Ganges they are also called in Patna er batta, (also in Shahabad) eler daura, or eler dauri (sometimes made of the culm of the sik grass, andropogon muricatum), in Gaya (also in North-

East Tirhut) पश्चिम pathiya (also used for feeding cattle), and in South Munger देखिया khanchiya. The only difference amongst all these is that in the case of the दोरा daura and दोरी dauri the bottom is woven of bamboo slips, like a mat.

- 44. There are likewise several other kinds of baskets, used indiscriminately for this and other domestic and agricultural purposes. Thus, small straw grain-baskets are चॅमेची changeli or चॅमेरी changeri, and sometimes with dali or when daliya, especially towards the east. In Patna and South Munger they are called as at batri. very similar basket (but still smaller) is called very generally भीनी maunni or मौतिया mauniya, also बद्दा batta in Patna, Gaya, and South Munger, and sall phuluki in East Tirhut. A large open basket made of split twigs of bamboo generally woven up with the fibre of the leaves of the tal palm is called zinest tokra, sini dhaka, sini dhāki, चोड़ा ora, or इंटा chainta. A smaller variety is called नाँचा gānja, बोकादी tokri, दकीया chakiya. When the bottom is very finely woven, so as even to hold water, it is called चोडेंचा oraisa. The धामा dhāma is an open basket made of rattan. The देचा khaincha or बाँचा khāncha is a large coarse basket made of twigs of cytisus cujan (rahar) or tamarisk (jhāü). South of the Ganges we also find देशी deli. A smaller basket of the same kind is known as with khānchi (also with khānjhi in North-East Tirhut), खँचिया khanchiya, खचीकी khacholi, पश्चली pathuli (Gaya), नोनीचारी nonihari (Patna), or (South Bhagalpur) इमन्चरिया damhariya. The डगन्रा dagra, डगन्री dagri, also called south of the Ganges दौरा daura, दौरी dauri, or (in South Bhagalpur) जाजा dala, is a large shallow basket. These are all made of either bamboo twigs or slips, except the दौरा daura or दौरी dauri (see above). In Shahabad बद्द karui or डोकी doki, and north of the Ganges चिक्कती sikahuti or स्विती sikauti, is a little basket made of the stalks of the mūnj grass.
- 45. A broken basket is क्सिन्नी chhitni, or in Gaya कतन्ना chhatna, or in South Bhagalpur क्तिन्ना chhitna.* The भाँपी jhampi or भाँपया jhampiya is a little basket with a lid. It is also called पौती pauti or पौतिया pautiya (being then egenerally made of mūnj grass) and परापौ petari (made of bamboo or rattan). A larger kind is called भाँपा jhāmpa. The lid of all these is called पंचानी pehāni or भाँप jhāmpa. देवा thaicha or चाँचा changor, or in Shahabad देवा thaincha or चाँचा thincha, is a kind of large open basket. प्रस्तावी phuldālī is a flower-basket.

^{*} A common curse amongst Gaya women is क्रियानी बहानी कागी chhitni barhni lāqau,—may your wealth be swept away.



From a photograph.

## A Collection of Baskets and of Other Articles of Basket-work.

- Oriya.
   Chhaintas of various sizes.
   Daura.
- 4 & 4a. Dauris of various sizes.
- 5. Deli. 6. Khaincha.

  - 7. Tāp. 8. Tokri.

  - 9. Dagri.

  - Dagra.
     Tarāju (scale-pan).
     Kolsup.
     Kūp. (Winnowing sieves).
  - 14. Chaini (sifting sieves).

#### MATERIALS.

- Nos. 1 and 8 are made of split bamboo twigs, woven up with the fibre of the leaves of the tal palm.
- 4a, of the culm of the sik grass (andropogon muricatum). 5 & 6, of tamarisk (jhāŭ).
- 7, of rahar (cytisus cajan).
- 11, of bamboo twigs.
- 13, of sirki (the upper joint of sac-charum procerum).
- The rest are of bamboo slips.

sirhath, and in North-West Tirhut screw sarhath. In Champāran it is screw kharhara, and in the rest of Tirhut scr kharra. South of the Ganges it is, in Gaya and South Munger, sat kuchcha, in Shahabad sat kuncha, and in the south-west of the district sal kunchi or sat sethan. In South Bhagalpur it is wat jhatai or sati kharhara.

- 56. The broom used by grain-parchers for turning the grain which is being parched is आप jhāru in Patna and Gaya, पहानी barhni in the south and east generally, पराना larna in North-East Tirhut, चिपानी chhipni in South-East Tirhut, पराना chalauni to the west of the North Gangetic tract, and in South-East Bihār भुजानाडी bhunjnāthi.
- 57. The long twig broom used for sweeping up leaves and rubbish is north of the Ganges, to the west, act kharhara, and to the east at kharra. South of the Ganges, in South Bhagalpur, it is act kharharo; but in Patna with jhānta, in Gaya wif jhāru, in Shahabad act sirhat or will jhānkhi, in the south-west of the same district west jharna, and in South Munger with jhānia or weat jhataini.
- 58. To sweep is in Patna and Gaya बोचारच bohārab or बाइब bārhab; the former is also used in the south-east. To the west it is बचारक bahāral, and in Tirhut बाइब bārhab, आर्ब jhārab, or आर्द सुरि देव jhāri jhuri deb.

## CHAPTER III.—IMPLEMENTS USED IN WEEDING, &c.

- 59. The द्वारण khurpa is a sort of hoe used for loosening the earth round young plants or in weeding.
  - 60. Of this the iron blade is the true khurpa, or in North-East Tir-



- 1. Bent (handle).
- 2. Khurpa or khurpi (blade).
- 3. Nar or danri (spike).
- 4. Sām (ferule).

The Hoe (Khurpa or Khurpi).

hut with pasang. The handle is to bent. The iron ring-fastening in the blade is the sam or that sami, and also in Shahabad true churiya, and in the south-west of the district the mundri. The spike of the blade which goes into the handle is north of the Ganges are nar, and south of it are nar or the danti or (South-West Shahabad) the danri. Towards the east we find, north of the Ganges, an optional variant the lar, and in South Bhagalpur are laru.

61. A smaller instrument for scraping grass or weeding is called,

when the blade is curved, and (south of the Ganges) when it is straight verel pasni. An optional name for the curved variety in Gaya is and bankua.

# CHAPTER IV.—IMPLEMENTS USED IN CONNECTION WITH IRRIGATION.

- 62. The beds formed in a field for irrigation are called विवास kiyāri. In South Bhagalpur they are called विवास keāri. In South Munger गॅन्सो ganrāri are smaller sized beds for the same purpose.
- 63. These are made with an implement with a handle and board fixed at the bottom, like a rake without teeth. This is worked by a single man, much as a rake is used. In the North-Western Provinces it is usually pulled with a rope, but not so usually in Bihār. It is called generally to the south of the Ganges was pharuhi, and in East Tirhut was pharuha. North of the Ganges, to the west, it is called was phahuri. In South Bhagalpur it is called was pharua, and in South Munger was pharhi. In Gaya it is called was penrui.
- 64. A wooden shovel used in distributing the water in a field is called ver hatha or ver hattha. South of the Ganges it is also called ver abha, in South Bhagalpur ver chhitta, and in South Munger actur kathaua.
- 65. Other appliances used in connection with irrigation from wells, tanks, or streams will be found in the chapter on irrigation.

#### SUBDIVISION III.

### APPLIANCES USED IN FIELD WATCHING.

#### CHAPTER I .- THE SLING.

66. This is generally देखाना dhelmas or देखान के dhelwans. In Patna, Gaya, and (optionally) Shahabad it is also called देखान के dhenkwans. Another name current in Shahabad is देखान dhekuas.

In South-East Tirhut it is also called देवीरी dhelauri. In Sou Munger and South Bhagalpur it is दिंदीर dinror. युरहेड gurdel to the east, युवती guleti is a pellet-bow.

#### CHAPTER II.—THE SCARECROW.

- 67. This is generally बूच dhūh, बूचा dhūha, or धुचा dhua. Patna it is प्रतन्सा putla, and in Gaya दशी dhahi.
- 68. A scarcerow pulled by a string and hung on a tree is north the Ganges executed dhabdhabwa, execute thakra to the west, executed dhakdhakiya in South-West Tirhut, want akāsi in South-East Tirhu and elsewhere area wan tārak chhaja or yan dhuā. South of the Ganges it is in South-West Shahabad executed damhaua, elsewhe in the district executed damko. In Patna it is executed damkaul and in Gaya executed dhalkaua. In South Bhagalpur and South Munger it is executed or executed damkaul.
- 69. Cultivators also usually put an old black earthen pot in field to keep off the evil eye, which is called in Tirhut बोडरजा totk or in North-East Tirhut मोखा taula. South of the Ganges ve find also डोडरजा totka, with variants डोटरजा totma (Gaya) and टोटर totwān (South Bhagalpur). In Shahabad it is called डोजा tona c जार गोजर najar gojar, and in South Munger जार गुजर naja gwar. Another general name is करिखार डॉड्रो karikhāi hānri (करिखार करिया karkhāhi hanriya, from करिया karikha or कर्स karkha, 'soot.' Local variants of this last word are कर खो karkhi (Shal abad), कारिय kārikh (Gaya), and कर जो karkho (South Bhagalpur). Generally this pot is marked with lime (चूजा chūna). Thus, a man of Ar would say इंदिया संकरिया खगा के चुजा के टीक दे के खेल में भे पावस जाका hanriy men karikha laga ke chunna ke tīk de ke khet men dhai āwal jālā,—h has come back after setting up in the field the pot on which he ha laid soot and marks of lime.

## CHAPTER III.—THE WATCHMAN'S PLATFORM.

70. This is known as warm machan, with an optional variant with manch in the west.

- 71. The shed over the platform has various names, viz. north of the Ganges कॉ पद्दी jhompri and बॉपड़ी khompri generally, व्यारी chhapri (North-West Tirhut), बाबी chhāhi (North-East Tirhut), and बगोरी lagauri (South-East Tirhut). South of the Ganges we have व्यारा chhapra to the west and सवसा maruka and व्यारी chhapri to the east.
- 72. सब्दे marai and also (in East Tirhut) बर्रा marra, गोचिया gohiya (South-West Tirhut) and पद्यानी palāni, is a shed on the ground without any platform.

#### SUBDIVISION IV.

#### IMPLEMENTS USED IN HARVESTING.

#### CHAPTER I.-THE SICKLE OR REAPING-HOOK.

These are either toothed or with a sharp cutting edge.

- 73. (a) With a sharp cutting edge.—These are everywhere इंग्रुचा hansua. A kind with a heavier blade is called पचरिया paghariya or पष्टचा pagharua, or बचारा badhra, बचारी badhri, बचरिया badhariya, or बचार badhāru. It is also called in East Tirhut चँगिया sangiya, in South Bhagalpur डावड dāba, and in Gaya विश्वोदी chilohi.
- (b) With teeth.—These are called ইনুৱা dantula, from হাঁন dant, 'a tooth.' They are also called ইবিয়া kainchiya, of which কৰিয়া kachiya is a variant in South-East Bihār.
- 74. The hansuli is a small sickle without teeth, principally used by girls for cutting spinach (The sāg), and by toddy-sellers (The pāsi) for cutting palm-trees. The The palsul is a fixed upright sickle, which is kept in position by the foot resting on the wooden base in which it is fixed, and is used for cutting spinach and other vegetables. In Patna and Gaya, The katta is an instrument used by Doms for cutting bamboos, and The kyoncha is an instrument for barking wood.
- 75. The above names are also used for the curved part of the blade. The straight part of the blade is called att nār or (to the east)

बार lar. Other names are बाँड़ी danri (South-West Shahabad), जरिया nariya (Gaya), and जाव nab (Patna). The handle is वंड bent.



The ordinary Sickle (hansua), and that of the Toddy-seller (hansuli).

#### CHAPTER II.-RAKES USED ON THE THRESHING-FLOOR.

76. This is well akhaina. It is a kind of hooked stick used for pushing the sheaves under the bullooks' feet while the grain is being trodden out. This word is only used south of the Ganges. Local variants are thena and well akhena (Patna, Gaya, and South Munger), well akhain in South-West Shahabad, and whain in South Bhagalpur. When it has five prongs, it is called what packkha north of the Ganges, in South Munger, and in Shahabad, and with pancha also in the last district. This is also called in South Munger wing panchakh.

### CHAPTER III.—GRANARIES.

#### 77. These are of four kinds-

1st.—A structure of straw or brushwood in the open air.— These are बचार bakhār, बचारी bakhāri, or कोडी kothi. Local names are बेड़ी berhi north of the Ganges generally, डेक thek in South Bhagalpur, and बदारी badāri (also in South Bhagalpur) or सुकार munhar in South-East Tirhut. In Tirhut a नोसी goli is a round कोडी kothi; अवस्ता jabra in Gaya is a small granary.

2nd.—Underground pits for storing grain.—These are everywhere with khad, and also (south of the Ganges) with khatta or with khata. Local names are the chaur in South-East Tirhut, wis mat in Gaya, and with khadh or wer khadha in South Bhagalpur.

- 3rd.—Granaries inside the house.—In Saran देवारी dehri is a small circular closet for holding grain, and is generally made of wattle and mud. The कोडी kothi, कोडिंग kothila, or कोडिंग kothili is everywhere generally made of sun-baked mud, and is larger.
- 4th.—A space surrounded by mats for holding grain is देव thek. A granary made of straw only is in South Bhagalpur बॉबरो khonchri, and in South Munger बॉब bāndh.
- 78. The support of the granary is गोड़ा gora generally. Local optional names are चेन्ना besna (South-East Tirhut), चेन्स baisak (East Tirhut and South Munger), खरा khūra (Patna), and चोटा ota (Shahabad).
- 79. The cover of a state kothi is everywhere except in South-East Bihār प्राव pehān or प्राव pehna. In Sāran and Gaya it also means the plug or stopper (see § 81). Local names are square jhapna (South Tirhut and South Munger), square dhapna (East Tirhut and South Bhagalpur), and square chāk (Patna, Gaya, and South Munger). The opening covered by it is square munhkhar in Sāran. In the same district the cover of a square bakhāri is square khomp.
- 80. The bottom is called everywhere पेंद्र pend, पेंद्रा penda, पेंद्री pendi, or पेनी peni. The South Bhagalpur form is, however, पेंद्रो pendo.
- 81. The hole through which the grain is removed is generally wind an or wind and, local names being with āen or wind mohkhā in East Tirhut and Patna, and for munh north of the Ganges. The plug for filling the hole is existed dabkan, or in the south-east wind mundan. In Sāran and Gaya it is also with pehān (see § 79), and in South Bhagalpur sul thepi.
- 82. A heap of grain is et dheri or the ras. In Gaya it is also feel silli. In South Munger a smaller heap is called sell kuddi.
- 83. Various earthen vessels are used for holding grain. These are north of the Ganges generally are kunra, are mat, are ghaila, or required hanriya. The matuka, are chhonrh, are cheruz are also used, but principally to the west. South of the Ganges we have are charua,

- सुस khum, बोरा khora, and सरावी matki in Patna, Gaya, and South Munger (the last two also in Tirhut); बाँद chhonr in Shahabad, and स्कार kūnrī in South Bhagalpur.
- 84. The covers of these are the same as those mentioned above; the local names are seven dhakna (Shahabad), waver jhakna (East Tirhut and Gaya), and green mundan (East Tirhut and South Bhagalpur).
- 85. An earthen cupboard similar in shape to the sites kothik, but used for keeping cooking-pots and curd-dishes, &c., is called start jabra.

#### SUBDIVISION V.

### IMPLEMENTS AND APPLIANCES USED IN CON-NECTION WITH CATTLE.

### CHAPTER I .- THE FODDER-CUTTER AND TROUGH.

- 86. This is गॅड्राच ganrās, गड्रांच garāns, गॅड्राचा ganrāsa, or गॅड्राची ganrāsi. Local variants are गॅड्रची ganrsi in North-West Tirhut and गड्रांचा garānsa in South Tirhut. The word गॅड्राची ganrāsi is the usual one. It has a short heavy handle. Other similar implements are दाव dāw, टॅगाड्रो tangāri (Tirhut), and (in Patna, Gaya, and South Munger) चाइड kākut or चाइड kānkut. The गॅड्राच ganrās and गॅड्राचा ganrāsā are properly heavy implements at the end of a long handle, four or five feet long. They are weapons rather than fodder-cutters.
- 87. The heavy wooden part immediately over the blade of the fodder-cutter is called जासी jāli, जस्तिया jaliya, or सुंगरी mungri. Sometimes, especially to the east, it is simply called चंड bent.
- 88. The blade is nevel ganrasi, &c., as above. The handle is north of the Ganges are muth or are muthi, and south of it are bent.
- 89. The knob at the end of the handle has various names, viz.

  ver era north of the Ganges generally, et hūr in North-East Tirhut,

  sever thekwa in South-West Tirhut and in Shahabad, and ere ārhuk
  in South-West Shahabad. Elsewhere no special name has been noted,
  unless we include es mūth and ever muthiya in South-East Bihār.
- 90. The spiked part of the blade, which goes into the handle, is see khura or खरी khuri to the west generally. Also, north of the Ganges, to the west, जोदा gora, and in North-East Tirhut जोने chobhi.

A very general name is are nar (East Tirbut, Patna, Shahabad, and South Munger), and nari (Gaya), or are lar to the east generally.



Fodder-cutter (ganrāsi) and block (theha).

- 91. The block on which the fodder is cut.—This is north of the Ganges and in Shahabad set theha. Another name is use paritath (Shahabad and North-East Tirhut), or uses pariath (South-East Tirhut and Gaya), uses parkatho or uses paraitha (South Bhagalpur), and uses parhata (South Munger). Other local names are seement kutkatna (Shahabad) and fagger nisuha (South-West Shahabad).
- 92. The feeding-trough—When made of earthenware this is wie nad or wie nand generally, a local variant being wit lad or wive land towards the east.
- 93. In Champaran and North-East Tirbut परिया pathiya is a basket used for the same purpose; elsewhere it is with oraisa. In the same tract a wooden trough for feeding cattle is called are naw, a general name for the same being water kathra. In Shahabad was charan or wood charni, in Gaya all gauri, and in South Munger are gonri, mean a long feeding-trough of sun-dried mud.

## CHAPTER II.-THE MUZZLE AND BLINKERS.

- 94. The net cattle-muzzle, which is put on them when treading corn and at other times, is were jāb; local variants being were jāba (Gaya) and were jābi (East Tirhut, Patna, and South Bhagalpur). North of the Ganges (to the west) were jābi means a smaller muzzle, put on ealves to prevent them eating earth. Instead of were jāb, were jābi is used in South Munger. Were mohri in Shahabad is a rope attached to the head-rope of an animal to prevent it opening its mouth too wide.
- 95. The conical wooden frame put on a calf to prevent it sucking its mother is ste dil, with for local variants stat dila (Shahabad

and the east) and state die in South Bhagalpur. In South Bhagalpur another name is a state kantelo.

- 96. In Patna जाडा dhātha is a piece of wood tied round a bullock's mouth to prevent it eating. Elsewhere strings are used, and are called in Tirhut चेवचा berua (west), कार्क kajaī or समानी lagāmi (southeast), टेसर tema, (north-east), and जाना jūna (east generally).
- 97. Blinkers for cattle are in Sāran and Champāsan चनापड anpot, and in Tirhut and the south-east बोखाना kholsa. To the east generally they are also बोख khol or बोखा khola. In Shahabad they are बोधानी chhopni or नोकाना nokta, in Patna चौधारी andhiyāri, and in Gaya चौधा andheli. In Patna दोकानी tokni or खोखा khola are the blinkers used in oil-presses or sugar-mills. The cloth tied over the blinkers is चौडानी ankhmundui.

#### CHAPTER III.-THE WHIP AND GOAD.

- 98. The whip used in driving bullocks is der pena or der paina. The latter is sometimes spelt quer paëna.
- 99. Its lash is generally चार्क châbhuk, with a variant चर्की chabhuki in the north-west. In North-East Tirhut it is चिटि chhiti. चाँदा sānta is found in South Bhagalpur, and local variants of this are चारा sātā in Sāran and South Tirhut and चटाका satkā in Shahabad. चराकी chharki is used in Patna and Gaya, and जिल्ही jhitti in South Munger.
- 100. The thong at the end of the lash is अन्य jhabbū in North-West Bihār, निरुष (the knot) in North-East Bihār, कवा phunna in Gaya, फिक phik or फुट्न्बा phudna in South Bhagalpur, and फुट्न्बा phundna in Shahabad.
- 101. The spike at the end of the stick is with arai, of which will aruuā is a local variation in Patna and South Munger and with arua in South Bhagalpur.
- 102. An elephant-goad is were ankus or right ankus. A spear for driving elephants is were bhālā, acter barchhā, acter barchhi, or (in Shahabad and East Tirhut) and ballam. Another name is anism gajbāk or (Patna and Gaya) anisma gajbāg. The wooden club studded with iron spikes, with which an elephant is beaten over the tail, is simply gait mugdar. The and akuri is a wooden goad for young elephants, and when made of bamboo it is called (in South-West Tirhut) anic kanār.
- 103. चौन dang (East Tirhut and Patna), चेन deng (Gaya), and चौदा sontā, are short sticks which may be used for driving cattle.

chhākun, चन्नी chhākuni, or (South-West Shahabad) विकास a chhitkan and (Gaya) विकीर pitaur, are twig whips used for the same purpose.

104. A horse-whip is कोरा or कोड़ा korā or चारक chābuk, and a spur कॉटा kāntā.

#### CHAPTER IV.—HOBBLES FOR CATTLE.

- 105. These are चान chhān or चाँद chhānd.* Other local words are चेंद्र pairh or चेंद्र pairhā or (in East Tirhut) चेंद्र paikar or चेंद्र painkar and (in South Bhagalpur) बोद्राची gorāni.
- 106. A piece of wood tied to the neck of a vicious or runaway animal is देवर thekar or (to the west) उन्दर thakar. In South-West Tirhut it is देवर thokar, and in North-West Tirhut दोकरा thokar. In Patna it is देवर thekar, and in South Munger देवर thekur. North of the Ganges we often find मैंगरा mungra or मृज्यो mungri, and other local names are द्वाराम dagran (Gaya) and ग्रांचर garhar or ग्रांचरो garharo in South Bhagalpur.
- 107. A cattle chain is चित्र sikkar, चौत्र sikar, चित्र-रा sikra or चित्र-री sikrī. Sometimes these are spelt with a dotted r: thus चित्र-इंडिंग, &c.

#### CHAPTER V.—ROPES.

- 108. A. Those used for cattle.—The rope for tethering cattle is everywhere पगच्चा pagha, and also in South Bhagalpur जोर jor or गैडा gentha. In Saran and Gaya it is also तगच्ची taghi. The knots or loops by which they are tied are जोर jor or डेका theka.
- 109. In Gaya and the south-east tell seli is a hair string tied from the neck to the feet of a calf when milking a cow. In Gaya it is also called the sel.
- 110. A tethering-rope, by which cattle are tied to a peg, is जान chhān generally, or (locally) बूहा gūrha (North-West Tirhut, Gaya, and Shahabad), नोइंग्ड gorānw (South-West Shahabad), नोइंग्ड gorār (Patna and Gaya), नोइंग्डम gorāwan (Gaya and South Munger), देहीराजोर derhaurājor (Gaya and North-West Tirhut), जार jor (Champaran and North-East Tirhut), and जोरो joro or नोइंग्डो gorāni (South Bhagalpur). Most of these

^{*} As in the proverb गर्दा गॅलाइ सरग, छान जगरे गेंबेडि gadha gelāh sarag, chhān lagle gelainhi,—the donkey went to heaven and took his hobble with him; i.e., vices follow one to a future life.

refer rather to the kind of knot or loop with which they are tied than to the rope itself.

- 111. A double tether for wild cattle, held by two men round the animal's neck, is north of the Ganges दावनी dobaggi, or in South-East Tirhut दावन dogahā, in North-East Tirhut दावन dobagi, in North Bhagalpur दावनी dobagi, and in Saran दुवन dobagi. South of the Ganges वर्ष की chharki is used in Gaya and Munger in the sense of this method of attaching ropes. It is also used for the mode in which a log is attached to an animal's neck.
- 112. The  $n\bar{a}th$  is a head-rope for eattle, passing through the animal's nose.
- 113. चनाइ (or चनाइ) agār or चनाइ। (or चनादी) agāri is a head-rope for horses, a local name being महत्वार galkhor in Gaya and Shahabad. िप्यादी (or पियादी) pichhāri is the heel-rope, which is also called (north of the Ganges) प्याद pachhār. चानाइंडर bāgdor or चनाइंडर bagdor is a rope for tying horses. नौन tānt or मोजचा mojamma is the thin leather rope tied round the horse's hocks. The halter tied round a horse's neck is न्दीबाधन garaundhan or ग्राइंड gardānw, or (in Shahabad) गर चीनाधा gar aundha, and (in North-East Tirhut) गराइस gardam.
- 114. To the west and north पैकर paikar, पैंकर painkar, or पैंकरा painkra is a heel-chain for a camel, while to the south-east it is used for elephants. It is also used by travelling merchants for cattle. नकेंच nakail, नकेंच nakel, or in Saran नकः सोस naklol, is the nose-rope of a camel-
- 115. B. Ordinary ropes.—An ordinary rope is रखी rassi, राउदी rassi, बार dor, बारी dori, or बार jemwar. जोर jor is also used, and (in Tirhut, Patna, and Gaya) जोरी jauri.* रखा rassa is a cable. A ship's cable is जारा lahāsi, or in Sāran जारा lahās; and a tow-rope, बूज gūn or (in Gaya and the south-west) गोज gon. गाँचा gainta in Gaya is a rope for carrying beams. A coil of rope in the same district and in Champāran is चुरवीचा ghurchīla. For the ropes used by a पानी pāsi or toddy-seller, see § 375. The string used in drawing water from a well with a brass vessel (जोडा lota, &c.) is called जारी dori; while the general name with other vessels is जाराज ubhan, जाराजी ubahni, or (in South Bhagalpur) जाराजी ubhain, and in North-East Tirhut जोज ughen. The knot round the neck of the vessel is north of the Ganges and in Shahabad जाराज arwan, and in Patna, South Munger, and South-East

^{*} As in the proverb জীবী জবি বাৰ, ইতিৰ তানী jauri jari gel, ainthan thame,—the rope may be burnt, but the strands remain (even though reduced to ashes); i.e., a rich man come down in the world retains his pride.

ROPES. 23

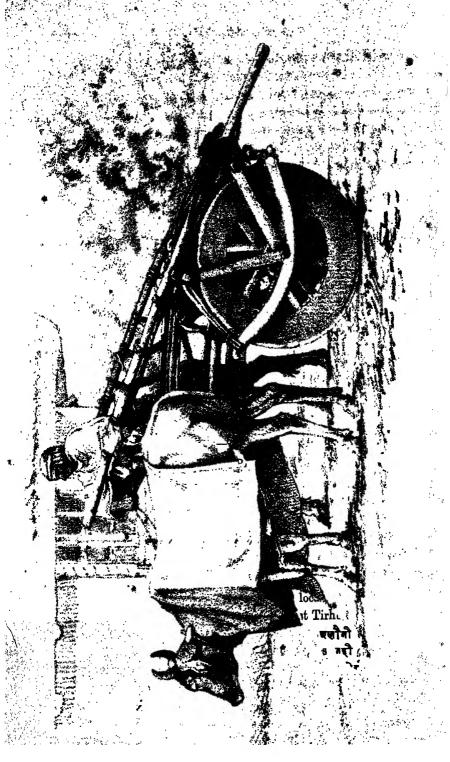
Tirhut flas rauna. Other local names are the phanki (North-East Tirhut), the phanki (Gaya), the phans (East Tirhut and South Bhagalpur), and the phansargāli in Gaya and South Munger. A small piece of rope attached to the vessel and then tied on to the regular well-rope is generally the panchor. A local name is the chhori (Champāran and South-East Tirhut). Its knot is the mundhi in Tirhut and the north-west, and the mundhi in Shahabad. A thick well-rope is that rassa or the barka.

- 116. The rope which is used in working the irrigation lever (साहा latha, &c.) is स्वारा barha, with an optional variant स्वार barah in South Munger. Other names are स्वारा hathbarhi, and in Champāran and North-East Tirhut स्वार्थ ubahani. The short rope joining it and the bucket by a slip-knot is स्वारा panchhor or सारो chhori everywhere, with the following local names:—सार chhor (South-West Shahabad), जीसा jota (Sāran, Patna, and Gaya and the south-east), जीसी joti (Shahabad and South Munger), जासा nādha (optionally in Gaya), ज्यास nadhān (optionally in Sāran), and समासा bagha (South Bhagalpur).
- 117. The strings used in working the irrigation swing baskets (चाँड chānr, &c.) are known as कीर dor or कोरी dori. In Sāran they are जोती joti.
- 118. The ropes used for dragging a harrow are north of the Ganges generally and hengahi or and barhi, &c., as described in § 33.
- 119. To the west नोजर mojar or नोजरी mojri is a rope put round the roots of young trees to hold up the earth as they are being transplanted, other names (in South-West Tirhut) being नेच्या gerua or (also in Champaran) बन्दाना banhna. In West Shahabad and Gaya it is युदी gurhi, and in South Bhagalpur जवन्दियाना jarbandhna.
- 120. The generic term for a grass rope is ज्या junna or ज्या jūna, and in Patna and Gaya also जोरी jauri, and in Champāran प्रतः प्रकासका. It is used for tying up bundles and for cleaning vessels. Another name in Tirhut is जरम्ब sarpat. जनाम gatān, or in Shahabad जान gāt, is a straw rope for tying up bundles. Ropes for tying up bundles of sugar-cane are जोनी joti, जनमाम ukhbandhna, जनारा gataura (South-West Shahabad), and जनार pangār (North-East Tirhut) or प्राच्या pagra (made of sugar-cane leaves in South Bhagalpur). प्राची gurhi in Shahabad and north of the Ganges, to the east generally क्यारा kachra, and in East Tirhut जोदार odār, is a loosely-twisted hemp rope (but प्राची gurhi may be either straw or hemp) for tying up bundles of crops.

- 121. A rope made of the stems of the cytisus cajan (rahar) and similar plants for tying up bundles is called and benti in Patna, Gaya, and South Munger, and and benti in South Bhagalpur. In Gaya it is also called and bandheri. And juneri (Gaya) is a similar rope made of kus grass. Ropes made of thatching-grass are called north of the Ganges and jhalās or and jhalāi. Bundles of mūnj grass twisted up for cleaning vessels are that lūnra or and nūnra. A thick hemp rope is accest barha, accest barhi, or (in Gaya and South Munger) accest barta or accest barti.
- 122. For most of the above the word जूना jund or (when the rope is made of straw) गताम gatān may be used, or a periphrasis may be used, e.g. जुसक रसन्दी kusak rasri for समेदी juneri.
- 123. स्त sūt, स्ता sūta, or नागा tāga, is ordinary thread for sewing and weaving. सनः रो sutrī or (rarely and only in the extreme west) समझे sutli is twine. This in South Bhagalpur is called स्थारी suthri. Twisted string is south of the Ganges करना tharra. North of the Ganges and in South Munger बाँड स स्था bāntal rassi, एँडस स्था ainthul rassi, or (to the west) परस्त क्या baral rassi, is used.
- 124. To the west चोप chop is string made of the bark of the butea frondosa (पराच parās) or of the palm-tree. In Gaya it is called चौप chomp.

### CHAPTER VI.—PADS FOR CATTLE.

- 125. These are known generally as not gaddi or usin palān. In Patna, Gaya, and Shahabad usit bakhra is a leather sheet which goes over this. A strait kharahiya, or in Saran stuffed with st khar, and under it is placed the stell kanheli. Usit petār is in South-West Shahabad a belt for tying them, and using pachholi a rope fastened to the animal's tail for the same purpose.
- 126. The pad for an ass is देवा lewa, local names being पिडिया pithiya (Tirhut) and प्राचा surka (also in East Tirhut) or तराची tarchhi (Shahabad). In North-East Tirhut and Gaya क्योंनी chhalauni is the cover of the pad. That of a bullock is (besides क्यों gaddi and प्राच palān) north of the Ganges and in South Munger क्योंने kankeli, and south of it, to the west, क्यावकरा chhallābakhra, and to the east क्या chhalla.
- 127. An elephant's pad is नहीं gaddi, and in Shahabad also नहां gudda. Underneath is placed a softer one called नहेंचा gadela.



# CHAPTER VII.—GRAIN-BAGS AND PANIERS FOR LOADED CATTLE.

- 128. These are star ākha, star ānkha, or sight tangi; south of the Ganges they are also start gethiya or ust patta. In Shahabad, however, they are start jora or side gon.* A large grain-bag carried on a bullock's back is in Saran state ladauri, or (also in North-West Tirhut) state lagauri. In Gaya this latter word means the cord by which the bag is fastened on the animal's back.
- 129. खुराजी khunji is a gunny (डाड tāt) bag borne by asses and used by potters for bringing clay from earthpits (संदिखान matikhān), and by others for carrying bricks, &c.
  - 130. A rice-sack is and bora or and tangi.
- 131. In South Bhagalpur a bag borne by the bullock, in which the drivers put their luggage, is act katāri, and in South Munger it is देखांच hanrwāy. In Saran it is दांच khās.

## CHAPTER VIII.—CANVAS, LEATHER, OR TARPAULIN COVERS.

- 132. These are तिरन्पास tirpāl or (when made of चास chhāt, leather) चवा challā.
- 133. अनुस्त jhūl or भोड़ी jholi is a body-cloth put over bullocks in cold weather. In Gaya it is also भोड़ा jhola, and in Sāran जोड़-ना orhna. भूड़ jhūl also means an embroidered cloth spread over an elephant's pad.

## CHAPTER IX.-VESSELS FROM WHICH ANIMALS ARE FED.

- 134. The bag from which cattle are fed is wोची jholi, or in Champaran wोचा jhola. A horse's grain-bag is लोकडा tobra. In Patna समाद kapai is a bag for cattle.
  - 135. Feed are described in §§ 92, 93.

## CHAPTER X.-DAIRY UTENSILS.

136. The milkpail.—This has various names, according to locality. North of the Ganges generally they are ward jhabhi or sail

^{*} As in the proverb वेश नर जूदे, जूदे तको bail na kūde, kūde tangi,—a bullock does not leap, but his load does, of which the Shahabad version is वेश नर जूदे कूदे गोन, दे तमासा देखे कोन bail na kūde, kūde gon, ī tāmāsa dekhe kon.

महिया dudahi kantiya; but they are also भाँदा bhānra in Champāran, पुराना ghurla in the North-West generally, and अपरे chapai in North-East Tirhut. South of the Ganges we have उपारी tahri or पूरा pūra in South-West Shahabad, and बंदिया kantiya in the rest of the district and East Bihār; चाँपी chāmpi, देवारी tehri, or प्राच्या patla in Patna and Gaya; दुवानी duhni, चुनी chukki, कदिया katiya, बंदिया metiya, बद्धा kathli, or इद्धा kathai in South Bhagalpur; and प्राच्या chukri or दूवा chukka in East Tirhut and South Munger.

- 137. चावा dāba, चवाची dabhi (also in Champāran), पाचा pātha, चादस rāis, or रासि rāsi, are large milkpails used in North Tirhut, and चपानी thapri is a smaller one. बाँदी kānri or बर्ज kathaī, also in North-East Tirhut बहा kattha, are in Tirhut wooden milkpails. In South Munger रास rās is used instead of राहस rāis.
- 138. Vessels used in making and keeping clarified butter (चूर ghyā, &c.) and curds (इसे dahi, &c.).—This also has various names, viz. north of the Ganges इत्यादी चाँड़ी dahiyāhi hānri or बहादी karāhi. A local name is करवा karna (Champāran and Tirhut) or कोर्या kaurna in North-East Tirhut. South of the Ganges we meet आँड्रा bhānra generally, with a variant आँड्ड bhānra in South Bhagalpur and द्वेड्री dahenri to the west. In Patna and Gaya we have क्या champa, अवादा mahāra, and बहिया nadiya. The last is also used north of the Ganges and in South Munger. In South Bhagalpur other names are कार्यो kantri and बाँड chhānchh.
- 139. There are sometimes special names for special sizes. Thus while बाँकी hanri or बेहिया hanriya is everywhere used for the larger size, the next smaller size is in Tirhut बोचा koha or बद्धा karuna. बोचा koha is also used in South Munger, and पत्तिका patila or पत्तिको patuki is used with the same meaning in Saran. The next smaller size is बोची kohi or बद्धारी kahtari. A still smaller size is बोची chhānchhi, उत्पद्धी matkuri (of earth always) or बद्धारी matkūhi (North-West Tirhut), and the smallest size of all is बेहिया chhanchhiya or बदिया nadiya.
- 140. The vessel for holding clarified butter is विवरी भाँदा ghiwahi bhānra, बॅडिया kantiya, बोरी kohi, राइस rāis (large). सुद्धा chukka (small), &c. Other names in North-East Tirhut are विवय कर्डा ghiwak karha (large) or विवय कर्डी ghiwak karhi (small). In Patna, Gaya, and South Munger कर्डा champa or चाँपो chāmpi are used, and रहाडी rasoli (large) and क्रिया pherua (small) are met in South Bhagalpur.
- 141. The leather vessel in which it is exported is sur kuppa or kuppi. The latter is smaller than the former, and is also used for

- holding oil. In North-East Tirhut it is also called चमन्द्री chamri or चीवन्डी chaukthi. चदोद nadoï is used in Gaya, and नेव्हा gelha is a similar smaller vessel.
- 142. The churn.—To churn is संदेश mahal to the west and संदेश mahab to the south and east. The act of churning is सदार mahāï or सदार mathāï; local variants being सदी mahi in Champāran and South Bhagalpur, and सबर mathaï or सदन mahan there and in Gaya and South Munger.
- 143. A churn is north of the Ganges, to the west, महत्त्रपाति matmahni. In Tirhut and Gaya it is कुन kūnra or (south-east and also in Gaya and Champāran) कुणा kunda, and (north-east) जोर khor. South of the Ganges it is क्यारी kumāri in South-West Shahabad, जोड़ा taula in the rest of the district (also in East Tirhut), बोरमाचा ghormāha north of the Ganges and in Patna and Gaya, and मर्गेड़ा mahānra in South Munger.
- 144. The stirrer or stick moved in the churn is तो rahi generally, and also सद्दानी mahni to the west and in Tirhut. The latter has local variants, viz. सवानी mahni (Tirhut and the West), सदान mahān (West), and सदानी mahonni (Gaya). Local names are नवानी gajhi (South-East Tirhut), बारो chhorhi (South-West Shahabad and East Tirhut), and बाराडी ghorāthi (Patna, Gaya, and South Munger).
- 145. The rope with which it is twisted is generally रहारी rasri or होरी dori; but more specific names are नेत net (generally), with local variants नेवत newat or नेवस्ता newta (east) and नेतो neto (South Bhagalpur). In Patna it is चित्रकी khinchni, and in South Munger इस dam. Another name in South Bhagalpur is कोती joti.
- 146. Various vessels.—In South Bhagalpur and kāin is a small vessel containing a quarter of a ser of milk. A vivi pātha contains one ser, and a var chūka four ser. In Sāran a var chūka contains a quarter of a ser.

#### SUBDIVISION VI.

# APPLIANCES USED IN THE CONVEYANCE OF GOODS OR PASSENGERS.

## CHAPTER I.-THE COUNTRY CART.

147. The ordinary cart is called everywhere and gari, but in Saran it is more usually and gari. The water chakes or

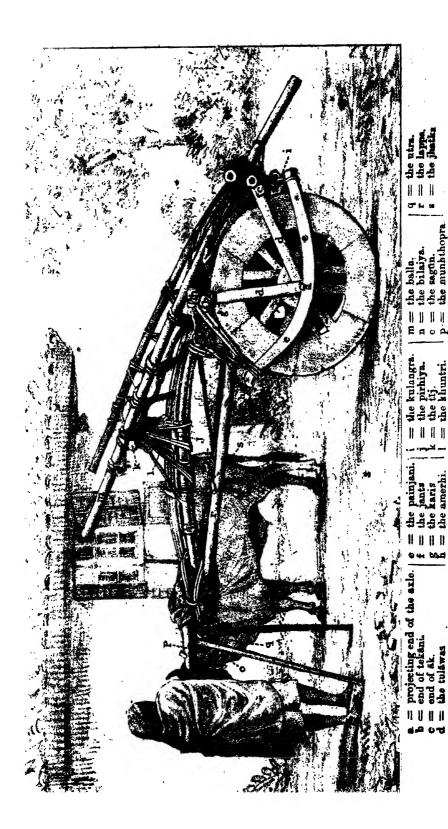
गाइ। gāra is the large complete full-sized cart, with long bamboo poles projecting from each side in front. In North-East Tirhut it is sometimes called चर्च गाइ। chaghūs gāri. The चन्य saggar or चावच् sāgar is a lighter and rougher kind of cart for carrying country produce. In Gaya and Shahabad it is also called चर्चाच्या larhiya.

- 148. For carrying passengers the wrath or war ranth is a light four-wheeled cart used by rich people. A similar two-wheeled cart is called चाँचा गाउँ। sāmwgi gāri or (in Gaya) चाँची गाउँ। saungi gāri. It is also called चाँचा manjholi in Tirhut and Gaya and bahal generally, with variants चुंची baheli (Patna and Gaya) and चच्ची bahli (Gaya). The par ekka is a two-wheeled light trap, generally drawn by a pony. In Sāran it is also called चाँच चच्च ghor bahal. The चिराची kirānchi is a covered cart something like an omnibus on two wheels.
- 149. A cart drawn by a single pair of bullocks is दोवरदा dobarda or दोवन्दा dokra. One drawn by two pairs is चीवरदा chaubarda (but this hardly ever occurs). In a team of three bullocks the wheelers are called चूरी dhāri or धुरिया dhuriya to the west and चोड़ी jori to the east, and the leader बाँड bīnr or बिड़िया binriya to the west and चिड़ी jhitti (also in Sāran) or नाडा nāta to the east.

## CHAPTER II.—THE LARGE COMPLETE COUNTRY CART.

- 150. This is चक्का chhakra, गाइन gāra, or चमूच गाइने chaghūs gāri (see Chapter I). Its parts are as follows:—
- 151. The wheel.—This is everywhere That pahiya. To the west, and also in Gaya and South-East Tirhut, it is also called The chakka.
- 152. The fellog is called महर mangar, except in Gaya, where it is जनोड jamot. It is made of six segments of sisu wood, called each पुरो putthi.
- 153. The nave is called with nah. In Gaya it is also we nah, and in Saran with naha. Through this the spokes run completely through and through, each spoke terminating at each end in the felloe, each thus forming in reality two spokes. There are six of these double spokes altogether, making three pairs of two parallel spokes each (see illustration). These three pairs are of varying thickness. The first pair driven in is thicker and stronger than the second pair,





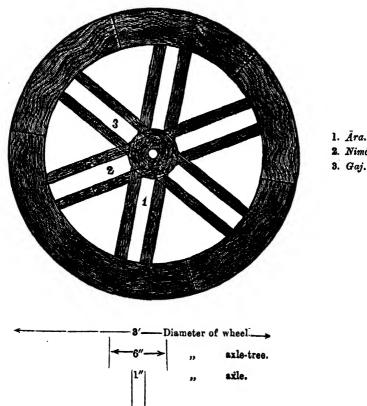
A tull-sized Bullock-cart (Chlinkra), side view

by Bepin Bahary Das, Student Covt. School of Art Calcutta.

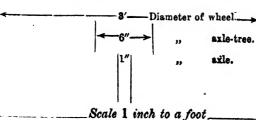
and the second pair than the third pair. In crossing each other in the nave, the second pair runs through the first pair, and the third pair through the second and first. These pairs have names, viz.-

- The spokes.—1.—The first pair is called TIT āra. is the thickest and strongest pair of spokes in the wheel.
- 2.—The second thickest and second strongest pair of spokes is called faure nimara, other names being des or del beli (Tirhut and South Bhagalpur), नीम पुरी nīm dhūri or नेपारा nebāra (South-East Tirhut), and चेपारा lewāra (Shahabad).
- 3.—The weakest and thinnest pair of spokes in a wheel is called no gai.

To the west and in Gaya, both the second and third pairs are called no yaj. The spokes are collectively called state danriya, and to the west also पारागज ārāgaj.



- 2. Nimāra.

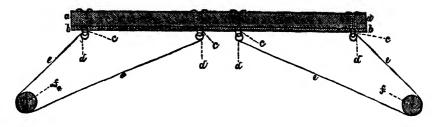




FULL SIZED BULLOCK CART (CHHAKRA) -BACK VIEW.

- 165. The outside washer of hemp (धन san) is देनी cheni, बंदी chendi, or (in Sāran) देखी chenhi. That inside the wheel is बाजन khānan, with variants धनन khanan (Sāran), धनःदन khanhan (South-East Tirhut), बाँगन khāngan (South-West Shahabad), and बाँदन khāndan (South Munger, Patna, and Gaya).
- 166. The axle.—Each wheel has an axle of its own, each supported entirely by struts descending on each side of the wheel from the side of the cart to which the wheel belongs. The axle is un dhūra or und dhūri. Sometimes a distinction is made, und dhūra being used when the axle is of wood and und dhūri when it is of iron; but this is by no means universal.
- 167. The outside supports of the axle.—The supports outside the wheel are two pieces of wood meeting outside the wheel in front of the nave, where, at the point of crossing, they receive the axle. The upper end of one fits into one end of the front crossbar of the frame of the body of the cart ( ) tekāni, &c.), and that of the other into one end of the rear crossbar of the frame of the body of the cart ( ) (see illustration). These supports are called finite tulāwa. They are fastened to the body of the cart by chains or ropes, called in bān or sand.
- 168. The curved branch of sisu wood which passes under the point of the axle, where it projects from the নুমানা tulāwa, and thus further supports the axle, is called ঘূলনা painjani, with variants ঘূলনা panjani (Shahabad optionally) and ঘূলনা pengni (North-East Tirhut). In Gaya it is called হাৰ dāb. It is pulled tightly up against the axle by three ties, two in front and one behind.
- 169. The front ties fastened to the fore end of the पंजानो painjani are called जन jant. The other end of each of these ropes is fastened to a hook, called जने kari. One of these hooks is fastened to the देवानो tekani, and the other to the bottom of the eart, farther on in front, to one of the जन्म said karhari (vide post). The जन jant are tightened by a stick called चमेदी amerhi, or in Sāran चलेगा saluiya, which passes between them and twists them together to the requisite degree of tightness.
- 170. The rear tie of the पंजानी painjani is called जुन्ना kulangra, or in Saran तुन्ना tulangra. It generally consists of one iron chain. Two rings (जन्म kharkhariya) hang in two staples (जाँका konrha) to the underside (पदास parāk) of the rear bar (जान āk) of the cart. One of these rings hangs near the centre of the जान āk, and the other

at the end near the wheel. The chain is fastened to one, then passes round the end of the very painjani, and the other end is fastened to the other ring. In this way the very painjani is held in its place. The accompanying sketch will make this clear.



 $a-a = the \bar{a}k$ .

d = the kharkhariya.

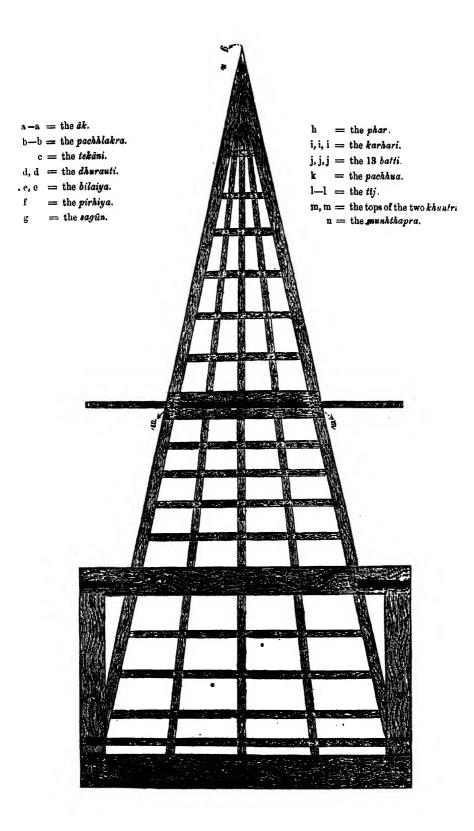
b-b = the parāk.

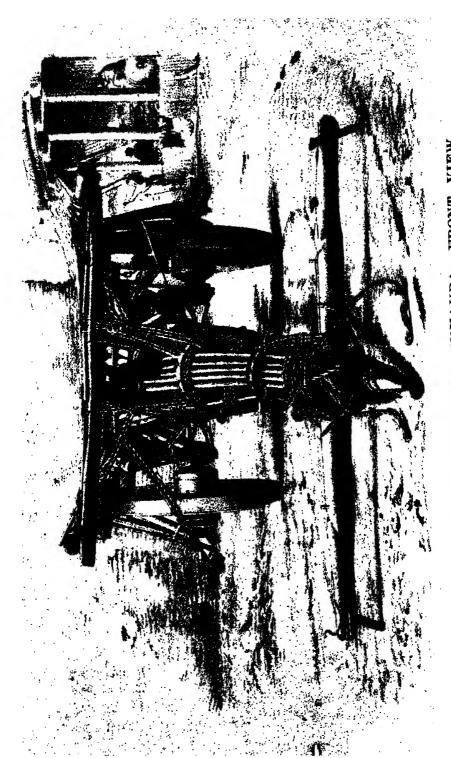
• = the kulangra.

c = the konrha.

f = the rear end of the painjani.

- 171. The body of the cart may roughly be described as a long triangle strongly built, lying on one surface, and arched so that its convex side is uppermost. Viewed from the side it resembles a shallow arch, and from above a triangle. Across the back a strong square or oblong frame is laid. This serves as the foundation for the carrying portion of the cart. The annexed illustration is a plan of a cart taken from above.
- 172. The win āk or win āg is the main beam in the rear of the cart. It is made of sisu. In Shahabad this is called win ānkh. Another and lighter piece of wood going underneath the win āk to strengthen it, and also made of sisu, is called win parāk. A slip of bamboo tied on behind the win āk and forming the tail of the cart is known as were an pachhlakra, with local variants, viz. Variants panchlakra in West Tirhut, with local variants, viz. Variants panchlakra in West Tirhut, with local variants, viz. Variants panchlakra in West Tirhut, with local variants, viz. Variants panchlakra in South Bhagalpur it is water ankora or variants pachherna.
- 173. The front bar of the square portion of the eart is known as देवानी tekāni. In South Munger it is तेवानी tekāni with a dental t.
- 174. The sides of the square part of the body, going over the wheels and joined at one end to the wife āk and at the other end fitting on to the top of the setal tekāni, are called with dhurauti.
- 175. The piece of wood fitting over the end of each of the धुरीडी dhurauti, where it joins the डेबानी tekāni, and holding the former in its place, is called विशेषा bilaiya.





HILOCK CART (CHHAKRA)-FRONT VIEW

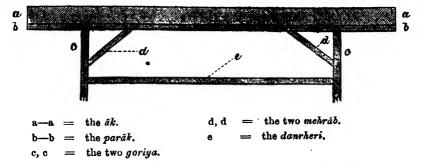
- 176. The short stout cross-bar of sisu wood crossing the triangular dy of the cart between the sand tekani and the apex of the triangle, front of the driver's seat, is called frequ pirhiya.
- 177. The point which is the front of the cart, and which forms the ex of the triangle, is called una sagūn, or in Patna and Gaya una quni. The lower portion of this is called in Saran and thop.
- 178. The two long sides of the eart, forming the sides of the iangle, starting one from each end of the चाम āk and meeting in e समूज sagūn, are known as चर or मुज़ phar, a local variant being में केंग्रेंग (North-East Tirhut). They are also called साँगा tānga south the Ganges and घरना harsa in Sāran and Champaran. They are metimes strengthened with a band of iron, called पूजर pattar, पूजा, or बन्द band.
- 179. The whole bottom of the eart is called बजा chhajja. It is omposed of the बर phar, the बाब āk, the डेबानी tekāni, and the बिह्या irhiya, and has in addition three long strips running the length the cart, called बड़ बड़ी karhari, and thirteen cross-pieces called बनी atti, or in Sāran बना batta, and in Gaya also बाबी chāli. The बड़ बड़ी trhari are also called बनी apot in Shahabad. North of the Ganges they are also called बना anjha, साँचा mānjha, or भरावी bharāni. They are fastened in their laces by pegs, called फर किया pharkilla, बड बिबी kathkilli, or बिबी killi, इर pachchar (&c.), or बाँडी kānti. Of the thirteen बनी batti or cross-ieces, there are three between the बाब āk and the टेबानी tekāni, four अरावा tekāni and the पिद्या pirhiya, and six between the दिया pirhiya and the समूत sagūn.
  - 180. This completes the description of the main frame of the cart.

We now come to the various contrivances for retaining goods the cart. These are the following, but they are not all used in ae cart:—

- 181. At the rear of the eart, just in front of the war ak, is tied a nick bough of wood. This is called the war pachhua. It prevents cods falling out behind.
- 182. Over the पिदिया pirhiya, and of equal length to the देवानी kāni, runs a bamboo called the नीज tij, supported by two stout pillars bout a foot high, each standing on one end of the पिदिया pirhiya. These illars are called the चुंडररी khuntri or चुंडररा khuntra, local variant

- being बुंडपःरी khuntahri (Saran and South Tirhut) and बुंडपःरी khuntahri or पूरिपारी khuntihri in Shahabad. In Gaya similar posts are called माँची mānchi.
- 183. Two very long bamboos now form sides, each resting on one end of the चाम āk, on a विख्या bitaiya, and on one end of the सीम tij. Each projects behind the चाम tik and a long way in front of the सीम tij, and is called चन्ना balla. Other names are चाँच bāns, वंदानकी bansballi, वंदीका bansaura (Shahabad), or वंदाना chandwa (Patna).
- 184. Sometimes bamboos run from end to end. These are called चीच chīp when they commence at the देवानी tekāni and run close under and fastened to the चर phar, up to the चत्र sagūn. They serve to strengthen the चर phar. When they run the whole length of the cart, from the चाक āk to the चत्र sagūn, and form as it were the string of the bow formed by the body of the cart, running close to and parallel with the चार jhatka (vide post), they are called चारा lappa or (in Tirhut) चार्य lappu. They are fastened to the body of the cart by ties, known as दौराच्यो dāngli in Sāran, दौराच्यो daungri in East Tirhut, चार्य bādhi in Shahabad, चौरा jaunrha in Gaya, and चौर sonth in South Bhagalpur. Elsewhere they are simply रखा rassa, &c.
- 185. Sometimes the बन्न ballā is raised behind by a pillar (बुँडररी khuntri) at each end of the बाज āk, and the space between it and the body of the cart filled up with a rope siding. This rope siding is then called बंधरवासा hanthwāsa, or in Patna पड़रदा pharka, and in Sāran एड्रा era.
- 186. The flat board forming the driver's seat is called मोदन्दा mohra, or in South Bhagalpur मोद्रा morha and in Shahabad मुंबन्द्रा munhra.
- 187. The parts underneath the cart supporting the inner end of the axle-tree.—There are two supports inside each wheel, like the guitt tulāwā outside. They cross each other opposite the inner end of the axle which passes through the intersection. As each wheel has a separate short axle, there are therefore two independent pairs of these, one inside each wheel.
- 188. The rear one of each of these pairs is called **given** guriya or allest goriya, or (in Patna) until khajāna. Like the rear gurat tulāwa, its upper end is fastened into the unaāk. It is strengthened in its place in the unaāk by a strut, called uncertain mehrāb, and the two given guriya are further strengthened by a cross-piece called universal guriya are further strengthened by a cross-piece called universal guriya are further strengthened by a cross-piece called universal guriya are further strengthened by a cross-piece called universal guriya are further strengthened by a cross-piece called universal guriya are further strengthened by a cross-piece called universal guriya are further strengthened by a cross-piece called universal guriya or an are guriya or an area guriya

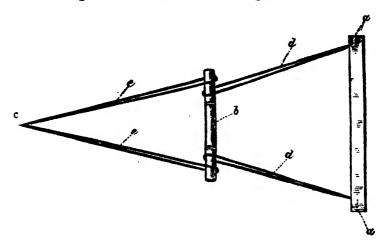
rheri, joining the two, which thus prevents them approaching each ar. The annexed illustration will make this clear.



189. The front supports of these pairs are each called আৰ thobh or thop. The upper ends of these are fixed in the ইকাৰী tekāni.

190. The apparatus for keeping the body of the cart curved.—
s consists of a set of strings called waver jhatka, which passes right
ter the cart from end to end, one end being fastened to the war
and the other to the war sagun. This is kept tight, so that it
ps the whole cart bent exactly like a bow.

The following illustration shows the arrangement:-



 $a-a = the \bar{a}k$ .

b = the danta.

c = the sagūn.

d = strings fastened to the āk, passing round the danta and back to the āk.

 strings fastened to the sagūn, passing round the danta and back to the sagūn.

- 191. The was danta, or in south Bhagulpur when ameri, in the above figure is a stout piece of bamboo. It will be evident from the figure that it affords increased leverage, and offers a ready means for tightening the waster jhatka when necessary. Sometimes bamboos run parallel to the waster jhatka from the tag sagūn to each end of the tag āk as further strengtheners. These are called that lappa or (in Tirhut) the lappū.
- 192. The state chhatiya is a slip of wood fastened across and under the body of the cart from sin thobh to sin thobh, which serves to hang baskets, &c., from.
- 193. The point which is the front of the cart, and which forms the apex of the triangle, is, as already stated, the चन्न sagūn or चन्नी sagūn. It is here that the yoke is fastened. Underneath it, to prevent the point resting on the ground, is fixed a stout peg, called चटारा utra. On the top of the चन्न sagūn, to afford a boss for fastening the yoke to, is fixed the चन्ना sagūn, to afford a boss for fastening the yoke to, is fixed the चन्ना munhthopra, मुंदायपादा munhthapra, or (south of the Ganges) मोयापादा mothāpra. In Champāran it is called मोदाया mohra.
- 194. The yoke is satisfied, and also in Shahabad satisfied, as distinct from with palo or satisfied, a plough yoke (see § 14). The pegs passing through the ends of the yoke, outside the bullocks' necks, to prevent them shirking their work, are made either of wood or iron. The name samail is generally applied to them when of wood, and samal, was samail, or samal when of iron; but this distinction is not always observed. To the east they are called samail. The inner pegs towards the middle of the yoke, on the inside of each bullock's neck, are called (in East Tirhut) satisfication.
- 195. Props.—When the bullocks are unyoked, the front of the eart is supported at the una sagūn, to prevent it falling forward, by the feurer sipāwa or (in North-East Tirhut) feurer sipāwa and (in Sāran) feurer sipwa. The top of this is called in Gaya unanjha. The prop to prevent the cart falling back is un era, unarua, feurer sidhwä, or (in Patha) unarua.
- 196. The ropes which go round the bullocks' necks are wint jota, with joti, or necessarily adjoti. When three bullocks are yoked, the rope which goes over the leader's neck is to the west figure binriya or factor binriya, and in Saran and the east fast jhitti. The rope (the rassi, &c.) by which the yoke is kept in its place is called fage bichhua, or in North-East Tirhut with jhonk.

- 197. The mat put in the bottom of the eart to prevent grain from falling out is sets chalāi generally, but it is struct hariyār in Patna and werd bhandāri in South Bhagalpur. The last is also used optionally in Gaya and East Tirhut. In Sāran a canvas mat used in the same way is called ever dhāla.
- 198. The iron chain for tying up the bullocks at night is generally सोकर sīkar or अवन्त्रीर janjīr. Local names are पानी pāhi or साँहर dānrar in Champāran and Tirhut, देस bel in Gaya, and पेक्स paikal, (also in Gaya) पेकर paikar, or पेंक्स painkar in Shahabad. The portion round the bullock's neck is called तरहा gardani.
- 199. The above is the description, except where otherwise stated, of a very complete that chhakra, which is itself the most complete kind of cart. Few carts are as complete as this; but they differ merely in being less complete, and in no other way.
- 200. As regards size, the cart of which the above is a description had the following measurements, a cubit being taken as equivalent to  $1\frac{1}{2}$  feet:—

			Cubits.
	चाक āk to टेकानी tekāni	•••	11/2
	डेकानी tekāni to पिहिया pirhiya	•••	11/2
,,	पिहिंग pirhiya to समून sagun	***	3
	Total length	•••	6 cubits,
		:	= 9 feet.

The चाक āk, टेकानी tekāni, and तीन tīj, were each three cubits long.

The said were each six cubits long, and the establishment one foot. The wheel was two cubits across.

The greatest height of the arch was at the fufeur pirhiya, where it was one cubit.

The height of the **una** sagūn from the ground when supported by the **cuta** sipāwa was  $2\frac{1}{2}$  cubits, and that of the **una**  $\bar{a}k$ , at the same time,  $1\frac{1}{2}$  cubits.

## CHAPTER III.-THE LIGHT COUNTRY CART.

201. This is समाइ saggar, सागइ sāgar, or जड़ादिया larhiya (see § 147). In Sāran it is called गाइन gāra.

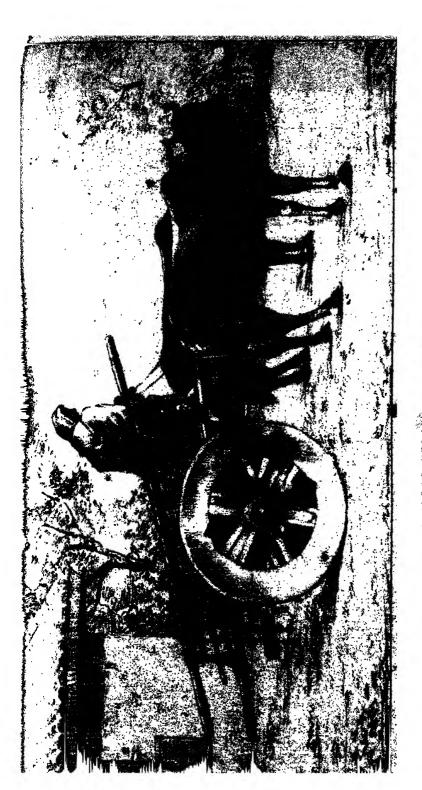
This cart is rougher, lighter, and cheaper than the war chhakra.

202. The wheel is the same as in the warer chhakra.

- 203. The axle.—There is only one axle (क्रा dhāra), which goes right across under the cart, and on which both wheels run. It runs through a block of wood which runs across from wheel to wheel, and out of each end of which the ends of the axle project. This block is called इंदारा mandra. The projecting ends of the axle receive the wheels, which are held in their places by outside linch-pins (क्राविको dhurkilli, &c. (see § 164). Sometimes the wheels of the चान saggar are protected by a board outside, one end being fastened to the चान āk and the other to the देवानी tekāni (see §§ 172, 173). Through this the end of the axle projects, and is made secure by the linch-pin. This board is called पैजनी painjani, पैजनी panjani (Shahabad optionally), or (North-East Tirhut) पैजनी pengni, and must be distinguished from the different wheel support bearing the same name in the चन्ना chhakra.
- 204. The body of the समाइ saggar is not arched, as in the सकाइन chhakra. It is simply a flat triangle of wood, principally bamboo. The two long sides of the body, commencing at each end of the साइ āk and ending together at the समूज sagūn, are called, as in the सकाइन chhakra, पढ़ phar, &c. As the समाइ saggar has no तुसादा tuliwa, जोन thobh, or युद्धिया guriya, the body rests directly on the axle, being supported by two blocks of wood, called नेत्राचा tetla, नेतिस्या tetaliya, or in Saran नेतिस्या tentula, each of which rests on one end of the महरा mandra, and on which, on the other hand, the corresponding पर phar rests. Along the पर phar, and underneath it, is tied a bamboo to strengthen it. This is called दौरार bānyar.
- 205. In other respects a sung saggar differs little from a water chhakra, except that it is built lighter and almost entirely of bamboo. As the body is not arched, the former has of course no water jhatka, &c.

## CHAPTER IV.—THE BULLOCK CARRIAGE.

- 206. When it has four wheels, it is called va rath or va ranth. This is rare in Bihār.
- 207. When it has two wheels, it is called वच्छ bahal, with variants वहेंची baheli (Patna) and वच्छी bahli (Shahabad and Gaya).
- 208. This cart is almost exactly the same in principle as the warst chhakra, except that it is generally built lighter. On the square portion at the back is reared a kind of canopied seat, called winter samugi or with saungi; hence the cart is also called a winter at a samugi gāri.





209. Its parts are as follows:--

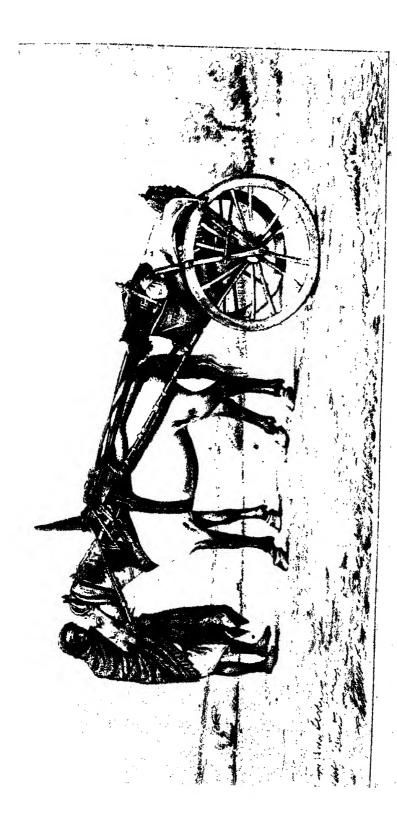
The wheel.—As in a cart (see § 151 and ff.).

The leather washer is called चकाती or चकाडी chakli, गहा gadda, or चिंडहे bithai.

- 210. The axle.—As in a cart (see § 166).
- 211. The supports of the wheels and axles.—These are the same as in a vary chhakra (see § 167 and ff., § 187 and ff.).
- 212. The body of the vehicle.—The lower part is like a द्वान्द्रा chhakra. Over it is placed the following, the whole of which is called चाँगारी sāmwgi or चाँगो sāungi.
- 213. The frame of the seat is vel patti, local variants being ver patta (East Tirhut and Patna), ver patiya (East Tirhut and the west), and also baudandi (Gaya). Its supports are ver khūnta or ver khūnta. On these are ornamental brass knobs, called ver phuliya. The posts supporting the awning are ver danda or ver danta (East Tirhut and the west). The top of the awning is variable hhatri or (in Shahabad and Gaya) vert thatri, and the stuffed cover to keep off the sun is very gadda or very gadela. In South Munger is very gaddi. The net forming the bottom of the seat is virial amwgi or vivil saungi, and the leather guard of the body inside the wheels is very dhamāka.
- 214. The two long sides are called पड़ phar, &c., or बाँगा tānga, as in the क्यादा chhakra. Between them are placed narrow planks, called बाँभा mānjha.
- 215. The supports of the body behind are said dharua or said ahanua, and similar smaller ones inside are areas bāwli.
- 216. The that dantua, or in Saran stat dhāla, is the back seat for carrying luggage, and it is also called spin arāni in South-East Tirhut and Champaran. It dori are the strings forming the side of the awning, and street parda is the side awning, which may be raised or let down as required. In Saran it is also called street.
  - 217. The rails on each side of the driver's seat are and balli.
- 218. In other respects the bullock carriage is the same as the the

## CHAPTER V.—THE PONY CARRIAGE.

- 219. This is nearly the same as the bullock cart, on a smaller scale, except in the following particulars:—
- 220. The wheel is the same as in the bullock carriage (see § 151 and ff.).
- 221. The axle is घूरा dhūra or घूरी dhūri, which is strengthened inside by a short metal tube, जाँगा sāmma, सामा sāma, or जांगी sāmi. In North-East Tirhut the latter is also called जाम sāma. There is one of these inside each wheel, and they act as a kind of washer. There is only one axle (धूरी dhūri), on which both wheels run. Outside each wheel are a pair of मुखाना tulāwa, but inside there are no जोंग thobh or गुणिया guriya, as in the bullock cart (see § 187 and ff.). Round the ends of the देवानी tekāni. the जांग āk, and the axle, forming a triangle outside the wheel, is tightly tied a rope called the mai jant, and just above the lowest angle of this triangle (i e., just above the point of axle), is tied to it a short stick serving as a footstep, called जांग अविधा अवि
- 222. The नुसाया tulāwa are fastened to the आक तेk and the टेकानी tekāni (see §§ 167, 172, and 173) by iron hooks, called अंद्वरी ankuri or (Champāran, South Tirhut, and South Munger) अंद्वरा ankura. South of the Ganges they are also called in Shahabad and South Bhagalpur नुसार tulāi. बार्ड hāl is the tire of the wheel. The leather splashboard over the wheel is निस्ता takhta or निस्ता takhti. In South-West Shahabad it is called परन्ता patra.
- 223. The props of the body are was danda (west), was danta (east and Champaran), or was khūnta. The top of the awning is was chhatri, and the roof of it is was chhat or (in Gaya) are tarak; near godela or (in South-East Tirhut and South Munger) are gaddi is a cushion at the top to keep off the sun. The awning at the sides is utrat parda, or in Saran was site ghata top, which is fastened by iron rings, was kari or (in Gaya) and kholi. The ropes which support the awning poles are was at hathwānsa, and the rope trellis between the two rear awning poles are chauk. This last serves as a back to lean against.
- 224. The state khūnta or state khuntra are posts which support the body in front on the axle. The state tharua, state dhārua, or (in South Bhagalpur) state dhāluān, are the posts which support the body on the axle behind the state khūnta.



PONY CARRIAGE (EKKA), WITHOUT CANOPY. Hen Chunder Dutt, Student, Govt., School of Art, Calcutta.

Printed by Abdool Robins Govt. School of Art Calcutta.

# AN EKKA WITH CANOPY.

bauli are similar posts behind the \$27 khanta, but in front of the dharua. They are quite inside the body of the cart. To the west of the North Gangetic tract they are also called THE ganj. The difer ponchiya or (to the west) fugur pichhua are the pointed ends of the lower shafts behind. In South Bhagalpur they are called दगन्दी dagli. जान tān are the four iron bars which support the body on the axle. Two of them are called jarara khuntatan or (in South-West Shahabad) गुजान्बाम gajbāg. माँचा mānjha are similar wooden supports. The चाँचन्नी sāmwgi or चौनी saungi is the twine net under the seat, and the straps which keep it up are the state aungi ke nāri. The गोड़िया goriya are side topes which fasten the splashboard to the axle, and the unian dhamaka is the leather siding inside the wheels. The four curved bamboo shafts are and tanga or (in Patna) टाँगा tānga. The दानी के बारी chhāti ke nāri is a strap inside, fastening the body to the axle in front of the दीनी के बारी saungi ke nāri. The खदाव ladāw are cross-pieces of bamboo from shaft to shaft, forming the body of the cart. In North-East Tirhut they are called well phathi, and in South Bhagalpur wat batta. The net at the bottom is with jāla, and the ward! jhatka is a strong rope behind and below, fastening the cross-pieces of the body.

- 225. The driver's seat is करने kartali. The pieces of bamboo which run underneath from shaft to shaft, on which the driver rests his feet, are उत्तरा latkhora generally north of the Ganges, or उन्हों darenri in Saran and उन्हों danrera in South-East Tirhut. In Shahabad they are अतहा latera, in Patna and Gaya अदिया danriya, and करेरा tarera in South Bhagalpur. The नोडिया goriya or (in South-East Tirhut) चेडिया ghoriya are pieces of wood which join the upper and lower shafts. पद्धी pankhi are pieces of leather joining the upper and lower shafts near the yoke. These shafts are also fastened by a leather rope called, north of the Ganges, पुरुष्प muthra, and to the south of it बोडड्या के नाही mothra ke nāri, or in Shahabad द्वारा के नाही munhra ke nāri. In Patna and Gaya it is called उत्तर chhara. The सोयपन्य mothapra is a brass cap fitting on to the ends of the two shafts.
- 226. Harness.—The pointed part of the saddle is will khogir, or in Shahabad and East Bhagalpur wat khagūr. The pad is and gadi or and gaddi. The wooden block is well kathra or (in South-West Shahabad) were kathla. The rings through which the reins pass are wat kara or the wall rās kari. The leather surcingle going over the saddle, round the horse's shoulders and across his chest, is youth pushtang or yours.

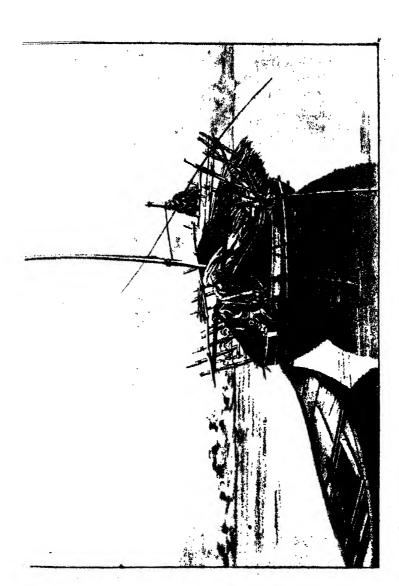
pustang. Another name is जोत jot. The leather belly-band is तम्म tang. राष rās means the reins; तावा tāwa or (in South Bhagalpur) तवस tawak, the leather cover of the saddle; जांगा-जा nāgla, जांगा nagla, or तवस्मा tasma, the straps which fasten the shafts to the saddle; and केंची kainchi, the wooden side supports of the saddle. Other names for this last are केंग्या kainchiya (Champāran and Tirhut), जोविषा goriya (South Tirhut, Patna, and Gaya), दिकानी के सकत्वी tikthi ke lakri in South-West Shahabad, and केंद्राची tikthi ke lakri in South-West Shahabad, and the iron bit जांगा lagām. The martingale is जोंग्या pānji patta, and the iron bit जांगा lagām. The martingale is जोंग्या jerband, the cloth over the eyes which serves as blinkers जांगी andhāri, the neck-ornament करा kantha, and the brass moon on the horse's forehead चाँद chānd.

- 227. वैजिया ganjiga or नोबन्दा tobra is the bag hung on either side for holding the passenger's shoes, &c.
- 228. The above is a description of an ver ekka when the canopy is attached. When this is taken down, a back railing is added, activate katahra, instead of the rear posts, and instead of the two front posts two shorter ones are set up, one on each side of the driver's seat, called an end nimdanda.

## CHAPTER VI.—THE COUNTRY BOAT.

- 229. Boats are of various kinds. The following may be noted:—
  The general term for a boat is  $\sqrt{naw}$ , and to the west also  $\sqrt[3]{41}$  naiya.
- 230. The larger kinds of boats are उचाँच ukink (which has a long narrow bow overhanging the water in front), में स्टब्नी melhni (which has a broad bluff bow), परंची pateli or परंपी pataili, also called in Sāran कार्य katra (on which the boards forming the sides overlap and are not joined edge to edge), कार kachchha (which is shaped like a square shallow box, without proper bow or stern, and is steered with two rudders. It takes great hurdens, and will go in very shallow water), and the चर्हा saranga, or in Shahabad चर्चीमा salīna, and in Tirhut चरिका sarinna (which has a round bottom for shallow water).
- 231. Smaller varieties are sixt dohat or in Shahabad siys doët (which has a flattish bottom for shallow water, and has its bow and

^{*} The fate of the ekka pony is well shown in the proverb বাৰা সং ষাধ হুৱা ঘাঁল হুৱাৰবা dāna na ghās, dunu sānjh dumkaja,—no grain or grass, and the crapper on night and morning.



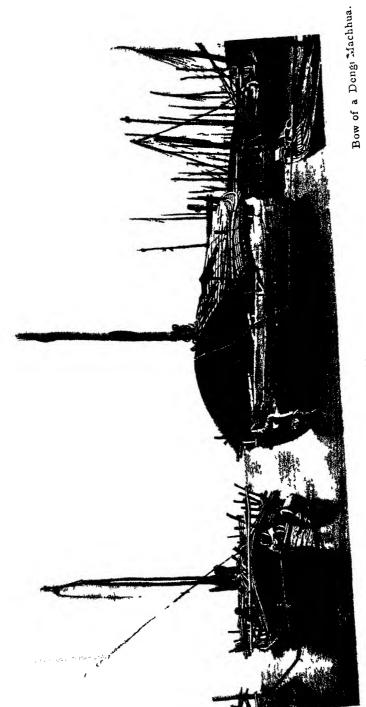
## PALWĀR.

SARANGA.

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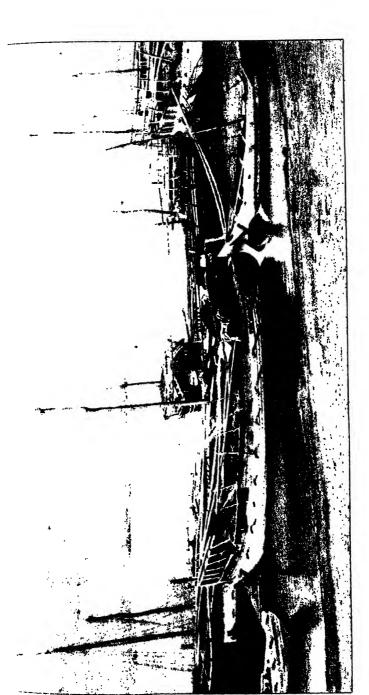


Մansùhi

BOATS USED IN BIHAR.

Stern of a Melhni.

Dohat.



Saringa. Pataili.

LATAILIS ULĀNK

Printed by Alidnal Entire Govt. School of Art Calintta.

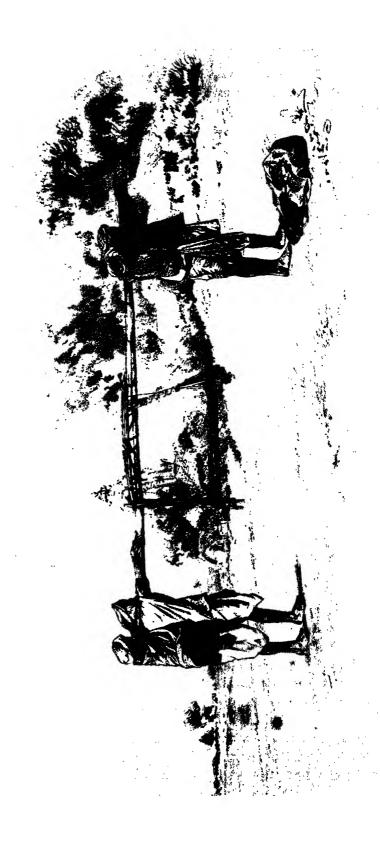
rn portions out out of solid wood), and water pansuhi (which has round bottom, but goes in shallow water).

- 232. The smallest kinds are पणः वार palwar or skiff and प्रवास ektha dug-out. The latter is also called वंतन्द्रा bangra. Also the वोद्या olnaiya, with both ends rising like a gondola well out of the water, id which cannot sink. Another similar boat is called the वंती सबुधा ngi machhua, or dingy. वर्ष्य gharnai (South Bihār) is a temporary ft made of water-jars (वद्दा ghara) and bamboos tied together.
- 233. The parts of a boat are as follows:—The thwarts are as I gurha d the ribs बाता bāta or (in Champāran) उड़-बाता tharbāta, उड़िया tharhiya n Champaran and North-West Tirhut), नोचा gochha (in Saran and outh-West Tirhut), get guchchha (in North-East Tirhut), and are ichh (in South-East Tirhut). Smaller transverse ribs are ata bānk. he outer planking is TT har or (in South Munger) TTT bakal, (in hamparan and West Tirhut) and bagal, and (in North-East Tirhut) ाब्य पाटी kāchhak pāti. In Gaya it is जनसन्दार jalamhār. In Shahabad 10 planks which run from end to end in the length of the boat are बार ahār, and देवास dewal is also used to mean the "wall" or side lanks. The flooring inside the boat is urea patan or ussues patwatan, in Saran velt patauri. A long plank running over this is in nahabad wural apti. The grating above the bottom of the boat is रेजी chāli or (in South-West Tirhut) जदरदा urhrha, and (in Northlast Tirhut) पढाइ patāi. In a पढेकी pataili the planks at the bottom hich run from end to end are day lewa, and in other kinds of oats मरिया mariya or (in North-East Tirhut) मरेया mareya, and in aran मोरिया moriya. The platform on which the rower sits is पटीरी atauri or विडन bitan. When on the roof of a large boat, it is बीड it or पढाइ patāi, or in Shahabad एसःसचानी halmachāni or सचान uachān. The deck planks in the middle are vizon pātna. पदार chachār brushwood put in the bottom to stand on. कहावा karwa or कहावा anrwa are the posts which support the thwarts. The jonka are iron ings to which the roof of the boat is fastened by ropes. In North-East Tirhut and South Munger they are called as kari.
- 234. When a boat is calked with the bark of the util parās tree butea frondosa) the calking is called twint raswat, and when with hemp t is a string ahni. That atār (in Champāran and North West Tirhut) s string used for calking.
- 235. The keel, which is the first plank laid in making a boat, is the sikka. In Champaran it is the sahan, and the patain or the danda n South-East Tirbut. It runs the whole length of the boat, and hence

বিশ্বা sikka is also used to mean the two ends of the boat. The length of the boat is হ্ৰাব dawar, and the stern post ৰজাৰী galhi. The prow is মন্ত্ৰা malang, মানি mangi,* or মান mang.

- 236. The rudder is unital patwar or (in North Tirhut) unaut patiyar. In Gaya it is usial patwar. This is properly the lower piece. The rudder post is and gol, (in Shahabad, North-East Tirhut and, optionally, South Munger) was khamha, or in Gaya and gaula, and it is fastened to the thwart by a rope called a faut nathiya. The tiller is saila or (in South Munger and North-East Tirhut) was danta, and the socket in which it works and to fauth or (in North-West Tirhut) and (in North-East Tirhut) and (in North-East Tirhut) and the rudder is fastened to the boat, is a sail ganrkassa, and another, by which it is held up, is a fauth ankwariya. The steersman is manjhi.
- 237. चेवन्ता seuta or (in South-East Tirhut) चोता sota is the wooden vessel used for baling out water. An oar is डाँड dānr, a paddle कवचार karuār, केवचार keruār, or in Sāran कवचारी karuāri, and the blade of it पाता pāta. A punting pole is ज्यो laggi or ज्या lagga.
- 238. The mast is युर्खा gurkha or सम्बद्ध mastūl, or in Shahabad युन्स्या gunarkha, and the yard is मोर्जी morni. The mast is raised on a post to which it is spliced. This is द्रञ्चमा darsūdha or ज्ञमोषा jasodha in South Munger and Tirhut, जरुखा jarsudha in Champāran, and ज्ञञ्चमा jawsadha there and in North-West Tirhut. The socket in the bottom, in which the post is stepped, is द्रञ्चमा के मिल्या darsūdha ke maliya or मच्चा malwa. The प्राचित्रा satwaniyān is the thwart to which the post is tied. It is called in South-East Tirhut चून sūl. The pulleys are पिर्जी ghirni, and the sail is पास pāl, and in Shahabad चून sūrt or सुन्बिया surtwaniyān.
- 239. The tow-rope is जून gūn or (in Gaya and the south-west) गोन gon, which is tied to pieces of bamboo called बेच्या berua or चूटा khūnta, or in Shahabad बच्चा barua, which the boatmen press against their shoulders when hauling a boat up stream. The man who tows is युग्नवाद gunwāh. चुन्यों lahāsi is a cable, and चुन्नर langar or जिरावी girābi the anchor. A large iron anchor is जोरू lohlangar or जिरावी girāmi.
- 240. To draw water (of a boat) is पानि तोइन pāni torab to the east and पानि तूर्य pāni tūral to the west, e.g. ६ तच्या बक्षत कम पानि तूरत

^{*} The most comfortable seat is in the bow. Hence the proverb জনিকা ভাৰা আৰি ধানিকা কানি ধৰাৰ janikā khewa nahin, se agila māngi sawār,—the fellow who hasn't money to pay his fare takes the bow seat.



at i kachchha bahut kam pāni tūrat bā,—this kachchha draws very little water. To be aground is also tīkab.

### CHAPTER VII.-THE LITTER.

- 241. The litter is चरोजी khatoli, जोजी doli, or (in North-East Tirhut) चोराजी khotli. जोजी doli is also used for the ornamented litter used at marriages, which is also called in South Bhagalpur प्राथम chandol or तक्ष्मकृष्यों tartarwan. The last word is said by natives to be a corruption of the Persian who is takht rawan, or moving throne. In the west it is also called नांचायों nālki or विश्वकी प्रोक्षको biyahuti pālki.
- 242. The bamboo pole is  $\sqrt[4]{6}$  bāns, and from it the litter is suspended.
- 243. The litter itself is start khatoli, and is a kind of small bed (start charpāy) with a bottom made of rough twine (start sutri). The sides and ends of the bed are start. In South Bhagalpur the sides are called us patti and the ends start sirwa. At each end two pieces of split bamboo run up from each corner, meeting about 3 feet above the bed, and thus forming a triangle. These bamboos are called start sipāwa, or in South Munger sayaha, and in Sāran sayawa, and they are fastened to the corners of the bed, and, at the apex of the triangle, to the pole by a string called start barkas. This string is also twisted round the sayawa to strengthen them. A bamboo stick passes through the pole just behind the rear sayawa, and, descending perpendicularly, is braced to them by strings. This is called sayawa terrua or sayawa terrua. It prevents the pole slipping round. The illustration shows a litter as carried by four persons, but this kind is more usually borne by two.
- 244. The feet of the bed are called un paua, and the strings for tightening the bottom of the bed are with orchan, and also in Shahabad with an ordawan.
- 245. Fastened to the pole over the bed, and in a plane parallel to it, is an oblong framework of bamboo slips for supporting the canopy. This is called send thatri, and in South Bhagalpur also wand chhatni or wand chhatri; and the string braces descending from its four corners to the four corners of the bed, to keep this awning steady, are called are tan.
- 246. The illustration shows a litter without the curtains. When a woman travels in it, the whole is enclosed in a set of curtains like a bell-mouthed bag, called **THIT** ohär or **YEAT** pardā.

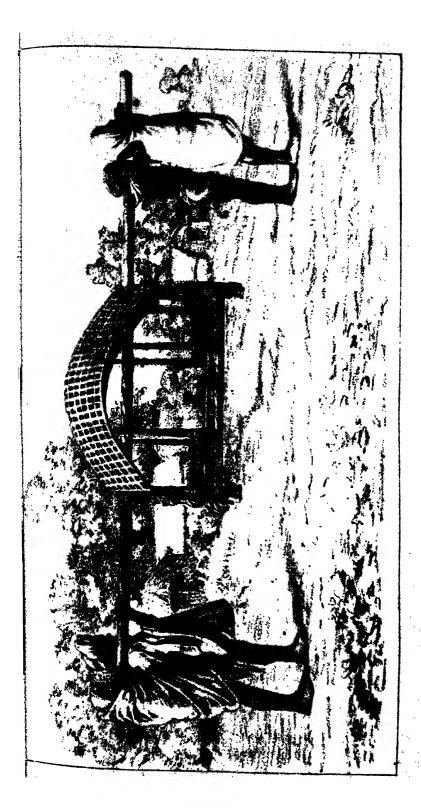
- 247. A superior kind of litter, used by richer women, is जेवा meāna, जेवाना meñāna, सरफा mahappha, डॉड़ी dānri, or डेड्विंग danri; It has a domed roof, called उटारी thatri, supported on eight pillars (fo at each side), called उटारी danta. The side-boards of the body are call होगान diwāl, or in Shahabad दिखाना dilhā, and the doorway दुवा duhāri, or in South Munger दुवारी duāri. The rest is like the होनी di
- 248. The street bardari, or in Shahabad street barahdari, a called in Saran street kharkhariya, is the corresponding litter used wealthy men. It is the native form of the Europeanized palanke. In this the side-pieces at the bottom are called used pati or useur pati the net bottom senses bināwat, the legs user paua, the side-boar patri, the four pillars at each side sure sipaua, the doorn gaid duhāri, and the roof use chhat. The shelf inside at the feet of the litter is street darāj.
- 249. The poles are called बॉच bāns, and the curved end of front pole योप thop. The four iron struts at each end are called नाम and they meet in a ring (चुनिया chukiya or in South Bhagalpur च sami), which goes round the pole. The inner end of the pole rests a socket in the end of the litter, which is also called चुनिया chukiya, also in South Munger चानी sāmi or खुनिया khubiya. The rope netw filling up the space between the two lower struts at each end is ca क्यावट kasāwat, or in South Bhagalpur क्याव kasan.

### SUBDIVISION VII.

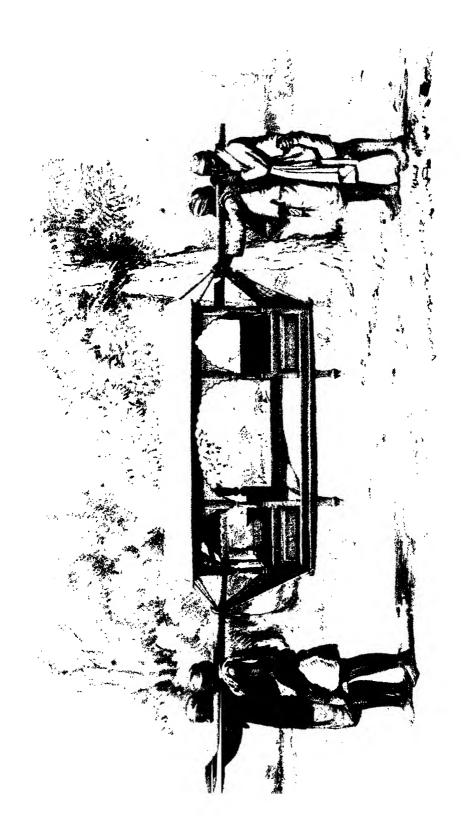
### APPLIANCES USED IN RURAL MANUFACTURE.

# CHAPTER I.—APPLIANCES USED IN THE MANUFACTUE OF OIL.

the province. In Gaya it is also are kelhu. It closely resembles sugar-mill, as described in the next section, and a detailed description not necessary. Nevertheless, owing to the circumstances of therein, it has been found inconvenient to give an illustration sugar-mill, and accordingly the following description of a Patnemill is here given in order to explain the accompanying sketches. these reference can be made in reading the section on the sugar-in which the few points of difference are noted. A well-known pro-



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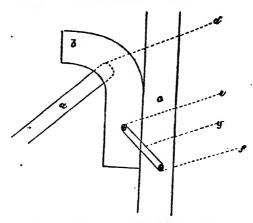
AN AN CANATA BINAMER

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about the oil-mill is the will street, when it is given to him, and yet it goes to lick the oil-press; i.e., stolen goods are sweet-

- 251. The hollow wooden block forming the bed of the mill,—This is atta kolh or atta kolhu, and in Gaya also atta kelhu. In this the cavity in which the oil-seeds to be crushed are placed is known as 32 pet or var handa, or in North-East Tirhut z kunrh and in Shahabad खान khān. In the oil-mill this cavity is shaped like an inverted cone, the apex reaching to about midway down the block. There it is about two inches wide, and thence it widens again like an hour-glass till it leads into the back of the top of the arive niroh." The lower half of this hour-glass cavity is known as warel athre. The lower end (43) minri) of the pestle (HER mahan) is just wide enough to fit tightly into the narrow part of the cavity at the waist. The upper half of the cavity is that in which the oil-seeds are placed. It has a lining of a series of longitudinal pieces of hard wood, wider at the top and tapering to the bottom, which are very tightly wedged together. These are called vive pachar. Sometimes, when these get worn away by the constant working of the pestle, a fresh lining is put inside them. In this case the old lining is called stayed tharpachra, or in North-East Tirhut accuract tarpachra, and the new inner lining पेटन्प्यन्सा petpachra.
- 252. The block is buried very deeply in the ground to steady it. The part below ground is called significant. Round the base a circular mound of earth is fitted, called with bhaunta, or in South Bhagalpur with bhauntho, in North-East Tirhut was bhatta, and in Saran with nanjhauta; and in this, below the exit for oil, a space is dug out for the vessel (unt chhanna) receiving the oil.
- 253. The exit for oil is the triangular hole at the bottom of the block over the above-mentioned cavity. It communicates at its upper end with the ward athri. This oil exit, together with the cavity for holding the vessel, are together called factor niroh, and in Saran and Tirhut also attained.
  - 254. The flat top of the block is called utt pāra.
- 255. The horizontal board to which the bullocks are attached.—
  This is called **and** katri. On it the oilman (And tell) sits, and while he drives the bullocks he at the same time keeps pressing down the seeds into the cavity with his left hand.

256. The upright beam, or pestle, which moves in the holle the mill and crushes the seeds.—This is with mohan or was m To the west it is also called and jath, or in Shahabad are mohan in North-East Tirhut are mohain. The ball at the end of this k which fits into the narrowest part of the hollow of the block, is mūnri. The ferrule round this is a real murwari. The notch s this is a kānh or an kandha. The upper end of the pestle round fis at chūr or an kandha. The upper end of the pestle round fis at chūr or an kandha. The upper end of the pestle round fis at chūr or an kandha. The upper end of the pestle round fis at chūr or an kandha. The upper end of the pestle round fis at chūr or an kandha. The upper end of the pestle round fis at the curved piece of wood join this is an dhenka, or in North-East Tirhut and thenkua. curved block of wood connects the pestle with the upright post is fixed in the horizontal driving-beam: thus—



- 257. In the above sketch b is the  $\overline{c}$  at dhenka, a is the top of modes a modes fitting into it up to the point marked a. The uppost is a, which is fastened to a by a string a passing round the pegs a and a.
- 258. The upright post is called normal marthamh, or in a state of marthamh, the pegs e and f will khunti, and the stricture nādhan, or in East Tirhut with lādh and South Bhagalpur ledha. The string is generally made of straw. The upright p fastened to the horizontal board, and katri, by a wedge, normarkilli, which goes through the former and under the latter.
- 259. The horizontal board revolves round the main block of machine; at the end of the board nearest the block is fastened a lump of wood called starphenta, or in Saran starpheta, which actained of washer between the end of the board and the block, and raiso rests against the latter, revolving in a horizontal groove (cutter mandar) cut in the latter's exterior surface. A bamboo

runs up from the inner portion of the horizontal board to meet the upright post, so as to strengthen the joint. It is called **account** kharchak, or in North-East Tirhut **again** khanchari, and in Gaya and Shahabad **again** khanchar.

- 260. The arrangement for stirring up the oil-seeds.—This is called reuti, or in South Bhagalpur ureal bharnathi or usual utkani, and does not exist in the sugar-mill. It consists of a peg, with khūnti, standing up in the cavity amidst the oil-seeds, alongside the peste; to its top is fixed a horizontal pole or handle, the other end of which is fastened to the upright post, ureau marthamh, by another peg, with khūnti. The whole therefore revolves with the pestle, the first peg moving amongst the seeds concentrically with it and stirring them up. At the same time the stirring is rendered more effective by the peg being perpendicular and the pestle on a slant.
- 261. The yoking apparatus.—The rope which is fastend to a peg in the end of the horizontal beam, passed round the hump of the bullock and back again to the beam, where it is tied into a hole, is called बाहा kārha, and the rope passing under the bullock's chest, joining the two traces thus made, is पेडी peti. The canvas pad on the bullock's hump is कांची kāndhi, and the cloth or wicker basket by which he is blindfolded is टोक्टबी tokni or चोहा khola, or to the east चोडाना khola. The rope from the bullock's neck up to the curved block or चेंचा dhenka is पान्या pagha, and the iron link fastened to this close to the bullock's neck is भीर बडी bhaunr kali. The rope round his neck, connected to the पान्या pagha by this link, is गरद्याची gardawāni, or in North-East Tirhut गर्द्याची gardāmi and in Champāran गरद्याची gardāni, and that going through the bullock's nose is जाय nath. A bullock employed in an oil or sugar-cane press is called a जारा वैद्या nātā bail.
- 262. Miscellaneous.—The circle in which the bullocks move is called the paur or the pauri, and in South Bhagalpur also we bhar.
- 263. The pot into which the oil drops is called wat chhanna. As much oil-seed as can go into the press at one time is called with ghāni. The oil-cake which remains after the oil has been expressed is called with khalli, or in Sāran wif kharri, except the oil-cake of poppy seeds (viguat posta), which is called with with pīna khalli, or simply with pīna.

^{264.} To work the mill is चेरच or चेचच perub.

# CHAPTER II.—APPLIANCES USED IN THE MANUFACTUR OF SUGAR.

### A .- THE CANE-MILL.

- 265. The cane-mill is known as where kolh or where ke throughout the province. Patent mills introduced by European finare known as we kal.
- 266. It is apprehended that the following description of a cour sugar-mill will be of little else than antiquarian interest, for such mare fast disappearing from Bihār, being superseded by the Englimade iron crushing-mill made at Bihia. To such an extent has use of country mills died out, that the writer found it impossible to a single one in the sadr subdivision of the Patna district which was a fit state for a photograph to be taken of it. They had all b broken up for firewood, only a few dismantled ones being availa For a general idea as to its appearance, the reader is referred to illustrations of an oil-mill in the last chapter.
  - 267. The following are the principal points of difference:-
    - (1) The hollow in the block has perpendicular and not slop sides, and it is hence cylindrical, and not conical, in she
    - (2) The sugar-mill has no tasel rewti.
    - (3) In a sugar-mill the pestle and its appurtenances are or much larger scale. The wive mohan is six or seven ou long, while in an oil-mill it is seldom more than three a half cubits, the rest in both cases being in proportion
    - (4) The names of the parts differ.
- This is generally known as and kolh or the kolhu. The cavity this, in which the pieces of cane to be crushed are placed, is known north of the Ganges, to the west, as and khān, or in Champāran and ghand to the east, and kund or and kūnr. In Shahabad it is known handa or and hanrolwa. In South Munger it is an hānra, elsewhere south of the Ganges and handha or and handa. Rothe edge, at the top of this, a rim of mud is sometimes placed to preve the pieces of cane falling off. This is called any pinr. An iron a fastened round the block to strengthen it and prevent it from splitt is an ban, and in Tirhut also any pattar, and in South Bhagal marra.
- 269. An iron ring is sometimes fixed under the block to previt being worn away by the crushing-pestle. This is generally with

morwar, with variants with the morwah (North-East Tirhut), again murwar (Shahabad and Patna), aga mur (Gaya), again murera or again murwar in South Munger, and savar chance in Saran. The stag stag of the bottom of the cavit and on which the crushing-pestle moves. The or the rora is used the smaller wedges of wood placed in the cavity above this to help crushing the juice. These are also called savar chandiya in Champar and North-East Tirhut, and savar khonch to the east. In Saran a Champaran the raun is a canal cut on the surface of the block throu which any juice thrown up may flow back into the cavity. In Nor West Tirhut this is called the rain, in North-East Tirhut the raspain, and in South-East Tirhut stat khāta.

- 270. The drain for the juice cut in the bottom of the block to the north size nardoh; also in Tirhut size naroh, in Nor East Tirhut size narohi, and in South-East Tirhut size raser; South-West Shahabad it is great gujurua, and in the rest of district size joha or sure rasha; in Patna it is sure rashāra facts niroh; in Gaya it is size chhoni; in South Munger, size cho and in South Bhagalpur, size larlo.
- 271. The wooden spout through which the juice drops is पसन्न patnāri. In the body of the block a channel is cut in which the blo केंद्रा phenta, of the driving gear works. This is called बरन्दा ghas in Shahabad and साँदर māndar in Patna.
- 272. The horizontal board to which the bullocks are attached This is कानरी katri, with a variant, कानरि kātari or कानर kātar, Shahabad, South-East Tirhut, and South Bhagalpur.
- 273. The upright beam or pestle which moves in the hollow of mill and crushes the cane.—For this three names are current, viz. जो mohan (Tirhut, except the north-west, Champāran, Patna, and Sor Munger), with variants, जान mahan, in Gaya and North-West Tirh and जो जा monhan in Shahabad, जा lath (Tirhut and Champāra and जाड jāth (Tirhut and Shahabad). The last word is used in Sār only in reference to the oil-mill, and not to the cane-mill.
- 274. The ball at the end of this beam, which fits with the holl of the block, is we man, war manra, we manri. The notch abo this is north of the Ganges and in Patna we kanh or wan kandha. North-West Tirhut it is well kanhiya, and in South-East Tirh wan panja. In Shahabad it is well kan or water langua. In Gaya it

# CHAPTER II.—APPLIANCES USED IN THE MANUFACTURE OF SUGAR.

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  - 267. The following are the principal points of difference:-
    - (1) The hollow in the block has perpendicular and not sloping sides, and it is hence cylindrical, and not conical, in shape.
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    - (3) In a sugar-mill the pestle and its appurtenances are on a much larger scale. The नोचन mohan is six or seven cubits long, while in an oil-mill it is seldom more than three and a half cubits, the rest in both cases being in proportion.
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- This is generally known as are kolh or the kolhu. The cavity in this, in which the pieces of cane to be crushed are placed, is known north of the Ganges, to the west, as are khān, or in Champāran ar ghar; and to the east, are kund or are kūnr. In Shahabad it is known as thanda or are handa or thannolua. In South Munger it is are hānra, and elsewhere south of the Ganges are handha or are handa. Round the edge, at the top of this, a rim of mud is sometimes placed to prevent the pieces of cane falling off. This is called are pinr. An iron ring fastened round the block to strengthen it and prevent it from splitting is a ban, and in Tirhut also are pattar, and in South Bhagalpur marra.
- 269. An iron ring is sometimes fixed under the block to prevent it being worn away by the crushing-pestle. This is generally with the country with the country

mornour, with variants with the mornouth (North-East Tirhut), against murvar (Shahabad and Patna), aga mur (Gaya), again murvar or against murvar in South Munger, and water chanva in Saran. The wing or wind pachar is a round piece of wood placed in the bottom of the cavity, and on which the crushing-pestle moves. The or city rora is used for the smaller wedges of wood placed in the cavity above this to help in crushing the juice. These are also called a figur chandiya in Champāran and North-East Tirhut, and wind khonch to the east. In Sāran and Champāran aram is a canal cut on the surface of the block through which any juice thrown up may flow back into the cavity. In North-West Tirhut this is called a rain, in North-East Tirhut with khata.

- 270. The drain for the juice cut in the bottom of the block is to the north march; also in Tirhut arts narch, in North-East Tirhut arts narch, and in South-East Tirhut arts narch; in South-West Shahabad it is again gujurua, and in the rest of the district with joha or their rasha; in Patna it is their rashara or facts nirch; in Gaya it is with chhoni; in South Munger, with chona; and in South Bhagalpur, arts larlo.
- 271. The wooden spout through which the juice drops is पत्र-नारी patnāri. In the body of the block a channel is cut in which the block, फेंडा phenta, of the driving gear works. This is called घरन्रा gharra in Shahabad and मॉदर māndar in Patna.
- 272. The horizontal board to which the bullocks are attached.—
  This is mast katri, with a variant, and South Bhagalpur.
- 273. The upright beam or pestle which moves in the hollow of the mill and crushes the cane.—For this three names are current, viz. Also mohan (Tirhut, except the north-west, Champāran, Patna, and South Munger), with variants, and mahan, in Gaya and North-West Tirhut, and also monhan in Shahabad, and lath (Tirhut and Champāran), and and jāth (Tirhut and Shahabad). The last word is used in Sāran only in reference to the oil-mill, and not to the cane-mill.
- 274. The ball at the end of this beam, which fits with the hollow of the block, is we man, we man, we man, with manni. The notch above this is north of the Ganges and in Patna with kanh or wan kandha. In North-West Tirhut it is real kanhiya, and in South-East Tirhut was panja. In Shahabad it is were kan or water langra. In Gaya it is

end rounded off is to char or that churiya, or (in North-East Tirhut) is munr; and the curved block of wood joined to this is the dhenka or (in North Tirhut, Shahabad, and South Bhagalpur) thenkua, and in Saran thenkuha. This curved block of wood connects the pestle with the upright post which is fixed in the horizontal driving-board.

- 275. This upright post is north of the Ganges, to the west, पराधा harsa or परिषा harisa, and to the east (and in South Bhagalpur) सनिक्ष्यम maniktham or मानिक यम mānik tham. In Shahabad it is सन्त्यम mankham, in Patna and Gaya खुटा khūnta or मरायम marthamh, and साधियम mānikham in South Munger. The pieces of wood which keep the beam of the driving gear in the channel at the base of the block are जीमा jibha or जिमिया jibhiya, or in Sāran the front one is called च्या phenta, and the back one क्येस kanail or (south of the Ganges) क्यो kanheli, and in Sāran क्येस kanaili. In North-East Tirhut they are called जिस्सा jibiya.
- 276. A rope of straw supporting the pestle by fastening it to the upright beam is north of the Ganges, to the west, नायन nādhan, in Champāran नयन्ता nadhna, in Tirhut नयान nadhān, but in East Tirhut साथ lādh. In Shahabad it is दंदना tanrna, in Gaya नाथ वरन्ता nādh barta, in Patna नायन nādhan, in South Munger नाय nādh or पर्य barah, and in South Bhagalpur यार्गी sārangi or वेयह ledha.
- 277. The bamboo strut attached to the horizontal driving-board, and running up obliquely to meet the upright post, is called north of the Ganges accepted kharchanri, or south of it and the kamora (Shahabad), again kharchar (also in Shahabad), again kharchar or accepted kharchali (Patna and Gaya), again kudanriya in South Munger, and accepted kharcharo in South Bhagalpur. This is fastened to the driving-beam by a rope, called area naran or area nādha, or in East Tirhut area lāran.
- 278. The part of the horizontal beam on which the driver sits is wint kātari, wint kātar, or want katri as above.
- 279. The leather thong by which this horizontal beam is connected with the yoke is stat nādha or (in Sāran) with kanheli, (in Gaya) stat nādha barta, and in Patna with mānjha. The kārh or (in North-East Tirhut and Shahabad) utet kārha is a rope which is tied to a peg in the end of the horizontal board, passed round the hump of the bullock and back again to the board, where it is tied into a hole;

and the rope passing under the bullock's chest, joining the two traces thus made, is बेडी peti.

- 280. Miscellaneous.—The circle in which the bullocks move has various names, viz. गारापोर gorpaur (Sāran), पोदर paudar (Champāran and Shahabad), पोर paur or पोरी pauri elsewhere north of the Ganges, in Patna, Gaya, and South Bhagalpur, बडी bahi also in Patna, and बड़ार्सरा barhara in South Munger.
- 281. The receptacle for the cane before it is cut (generally a hole in the ground) is बाँदियारी genriyāri generally, and बाँदियार geriyār to the west. The receptacle for cane ready cut is टोवियारी toniyāri, with variants टोवियारी toniyāthi (Sāran, Champāran, and South-West Tirhut), टोवियारी toniyāsı (North-West Tirhut), and टोव-वाद tonkhād (South Bhagalpur). In Shahabad it is called चारावार angarwār.
- 282. A wooden mallet is used for pressing the cane under the crusher. This is बापी thâpi; also in North-East Tirhut बिल्ड milit.
- 283. The cane as it is crushed is stirred up by hand, and the man who does this is called कारावास morwāh or करिंग्बास monrwāh, or in South Bhagalpur धनावास ghanwāha. This man sometimes drives the bullocks also, and when he does so he is still called by this name.
- 284. The pot into which the juice drops is called generally thora or (in South-East Tirhut) and khor, other local names being and add (Shahabad) and grankunda (Shahabad, West Tirhut, and Patna), or (generally) was chhanna. Over this is often placed a basket or earthen pot with the bottom pierced like a sieve. This is called generally was chhanna, and result raschhanna, or and chheni. Local names for this are article tarauri (Sāran and Champāran), for chhitta (also in East Tirhut), or forest chhirhira (Shahabad), and result daliya (South Munger). An earthen vessel for holding the juice is in Gaya value hathaila.
- 285. From these vessels-the juice is removed to the boiler in a pot called with or water karāh, or sometimes with karāhā.
- 286. The blocks on which the cane is cut are north of the Ganges and in Shahabad Agar nisuha, a variant being fagar nisua in South Bhagalpur. Other names are theha (North-West Tirhut), affice pariyetha (Gaya), gate kukūth (Patna), veras parkath (South Bhagalpur), and status tonkatia or status tonkat in South-East Tirhut and Munger.
- 287. The hollow in the mill is in Bihār cleaned by hand while the crusher is turning: hence there is no apparatus in existence for raising the latter, as there is in Gorakhpur and Āzamgarh.

- 288. The basket from which the mill is fed is the chainti north of the Ganges, with a variant, which the mill is fed is the chainti north of the Ganges, with a variant, which chainti, in North-East Tirhut. In Shahabad it is the original original original original transport that original ori
- 289. As much chopped cane as can go into the press at one time is बाजी ghāni, and as much juice as can be boiled at one time साम tāw. The latter is also चेपान khepān in South-East Tirhut, पाम pāk in Patna, and राज rān or राज rānh in South Munger and South Bhagalpur.
- 290. The cane after the juice is expressed is called **TENT** khoiya, with local variants **That** khohiya (Patna, Gaya, and the east) and **THAT** khoiha in South Bhagalpur. In Shahabad it is also **THAT** chephua.
- 291. To work the mill is पेरच or पेइच perab, and when several cultivators take it in turns, each turn is called भाँचा bhānj, पारी pāri, or (Gaya) पाउडी palti. When men work it turn by turn they are said to do it भाँचा चिरे bhānja sire north of the Ganges, चेरा पारी phera phāri in Tirhut, and elsewhere पारा पारी pāra pāri. Sometimes a mill is owned by co-sharers, and then their taking it in turns is भेजव्यस्थि। bhanjhariya, पश्चिमी sajhiyaiti, or (Tirhut) धवानी sabthaiti, and also in North-East Tirhut पश्चिम sajhiya. In South Munger के dhenk is the working of a mill by cultivators for a week in turn, one after the other, till the turn of the first comes again.

### 292. The men engaged on the mill are as follows:-

(1) The man who cuts the standing cane.—This man is singled angeriha to the west generally, negative generality in the north-west, we say pajwaha and success pagarwah or singled pangarwah in Tirhut. In Shahabad he is also appeared genrchhila, or in the south-west of the district edgest chholwa; in Patna and Gaya he is increased ketarpāra (from antil ketari, sugar-cane), singled partāhar, or second parnihār, and in South Munger says katarpāra or says patarpāra. In South Bhagalpur he is stant ghurkatta or safari kataniya.

In Saran and Champaran these men do their work without wages in money, their pay being the leaves of the cane which they cut, which they take home and use for cattle fodder.

- 293. (2) The man who cuts the cane into lengths for the mill is well kanu in South Tirhut and Sāran. In Champāran he is well pakwah, and to the west he is affected genrikata or well-are angarwah. Elsewhere he is south-East Tirhut. In North-West Tirhut he is simply called well majūra, and in North-East Tirhut sometimes we jān. In Sāran and Champāran the same person cuts the cane and boils the juice, hence his name.
- 294. (3) The driver of the mill is anti-are katarwah, with variants anti-are katarwah or anti-are katarwaha, and in South Bhagalpur anti-are katarbaha. In South-West Shahabad and in Tirhut he is called anti-are hankwa.
- 295. (4) The man who feeds the mill.—He is बॉर ब्लाइ monrwah or ब्लाइ ब्लाइ morwah generally. In Patna and Gaya he is ब्राइवाइ ghanwaha or (in South Bhagalpur and South Munger) वनव्या ghanbaha.
- 296. (5) The man who removes the crushed cane.—He is haluar in North Tirhut; elsewhere this is done by the man who feeds.
- 297. The buildings.—The whole manufactory, including both cane-mill and boiling-house, is called a to kolhuar, or in South-West Shahabad attact golaur. In Patna, Gaya, and the east it is called attact kolsar.
- 298. The house in which the cane is cut into slips for the mill is called गॅडियार genriyar, or गॅडियारी genriyari to the west and टोबियारी toniyari to the east. Local varieties of this last are टोबियाची toniyasi in North-West Tirhut and टोबराइट tonkhād in South Bhagalpur.
- 299. Folklors on the subject.—Near the place where the cane is cut into slips the men make a round idol of a deity called ware are makar bir, or in Shahabad wares are mahkar bir, and in North-East Tirhut wares mahkar. He is said to have been originally a Dom, who once came to a sugar manufactory in the olden time and asked for juice, which the people refused to give to him. Thereupon he jumped into the boiler and was boiled to death. His spirit became deified, and is now worshipped by the workmen. The worship consists in pouring a little water on the

image when the cane is brought into the manufactory from the field, so that he may wash himself. Then five canes are put before him. They are then cut up and put first into the mill. The first juice that comes out is also poured over him, and then the rest may go into the boiler. In South Bhagalpur the deity worshipped is frauth biswakarma.

### B.-THE BOILING-HOUSE.

- 300. This is in Saran गुड़ीर guraur, and in Shahabad गोसीर golaur; elsewhere it is simply कोल्ड्यार kolhuar or कोसन्यार kolsar as above.
- 301. The fireplace is पूजा chūlha, or in South Munger नामकोर gamher. The hole through which the fire is fed with fuel is generally सुप्र muh or मुप्त munh, but in Patna and Gaya it is मोपामा mohkha. The hole through which the fire is raked is चाँची sānsi generally north of the Ganges, नेनाका nangra in North-East Tirhut, चुनका langra in Shahabad, and ज्याम udhān in South-East Tirhut. Elsewhere it has no special name. In Sāran चुनका langra is a receptacle for the juice when removed from the boiling-pan.
- 302. The outlet for smoke is yetter dhuānkas north of the Ganges and in Shahabad. In South-West Shahabad it is yett dhundhuka, in Gaya it is tent hikka, in Patna eta hink, and eta nengra in South Bhagalpur and South Munger.
- 303. The stick used as a poker is चौरानी khorni, or in Patna चौराना khorna. Local names are चौराना khodauna (South-West Shahabad), चाराना lahuāi (Shahabad), and चाराना anchna (to the east). In Shahabad चारा pharuhi, or in the west generally पार्टी phahuri, is a piece of wood used for raking out ashes. The man who stokes the fire is called बान kānu north of the Ganges and in South Bhagalpur and Shahabad. Local names are प्राविधा dhurkamiya (South-East Tirhut), प्राविधा chuljhonka (East Tirhut and Shahabad), प्राविधा chulhancha (East Tirhut and Gaya), चाराचा anchwaha (Patna), and चाराचा anchwaha (South Munger).
- 304. The vessel in which the juice is collected before boiling is नाद nād or नादो nādi, or (in Gaya) पड़ी chatti, (North-East Tirhut) नगरी gagri or घेचा ghaila. Generally, however, it is kept in the wat chhanna (see above), of which there may be several in use at one time.
- 305. The spoon for taking the juice out of the boiler is north of the Ganges, to the west, and kathahi or accepted kathkhurpi, and to the east (also in Shahabad) was saik or was saike. Elsewhere south

of the Ganges it is suit saphai or suit saphaiya. In South-West Shahabad it is, however, sitest dohra, and in South Bhagalpurit is suit dapti or suit dabbu.

- 306. The scraper to prevent the sugar resting on the bottom of the boiler is खरापी khurpi generally. In Sāran and Champāran it is खरापा khurpa, and in North-East Tirhut खडाखरापी kathkhurpi, the meaning of which here is different from that in Sāran, Champāran, and West Tirhut. In Patna it is पंदानी perni, and खपाडा daptan in South Bhagalpur.
- 307. The iron ladle used as a skimmer पौजा is pauna, or (North Tirhut) सेवारबा mailchhanna, (South-West Shahabad and South Bhagalpur) धापी thāpi (also made of wood), and कंकरा jhanjhra in Patna, Gaya, and South Munger. Sometimes it is not necessarily of iron, and then it is खरापा khurpa in South-West Shahabad, पद्मा hatha or पद्मा hattha (of earthenware) in Patna, Gaya, and South Munger, and ह्या chhanauta in Saran and South Bhagalpur.
- 308. The boiling-pan is called कराड, कड़ार karāh or कराडी karāhi. The earthen vessel used for removing the cooked juice from the boiler is north of the Ganges चैक suik or उका saika, and in Shahabad it is पँगीरा panyaura; in Sāran it is पाँड़ा paunra. The pot in which the boiled syrup is placed is called बहुती matuki south of the Ganges, also (South-West Shahabad) चोड़ी ori, (Gaya) बहुन्या nadua, जोरा khora in the South-East, and कड़ी kūnri in South Bhagalpur.
- 309. बाद nad is a hole in the ground dug for receiving the coarse sugar. North of the Ganges it is also पींदा paunrha or पींदी paunrhi. The sugar is collected and thrown into this with a bamboo fitted at one end with a roller, which is called पुरादम gurdam or (in South-West Shahabad) पुरादम gurdan. In Tirhut it is also called द्वास्त dabkan, and in South-East Tirhut सपर sapaī.
- 310. In North-East Tirhut जाड māt er कोडो kothi is the large vessel in which the juice is finally coagulated. These are in Tirhut गुरुपोर gurpaur, and in Champāran (made of sun-baked earth)
- 311. THe rab is undrained raw sugar, and  $q\tau$   $g\bar{u}r$  is rab boiled down for a longer time. Further particulars concerning these and the other products will be found in the chapter relating to sugar-cane (§§ 1014, 1015).

### O.-THE SUGAR REFINERY.

- 312. A sugar refinery is known as चीनी के चरवाना chini ke kar-khāna or चीनी के बोदान chini ke godām. South of the Ganges the word चंड्रवार khanrsār or खंड्रवारी khanrsāri is also used. The house in which the sugar is refined is called चूहा के वर chūlha ke ghar or चरार के वर karāh ke ghar. In South Bhagalpur it is चार bhattha.
- 313. In making coarse sugar (কাঁথী খীনী kānchi chīni), a vat, a drain, a reservoir, and a treading-floor are used.
- 314. The vat is in Shahabad चौद haud or चौदी haudi, in Gaya चय-वया chahbachcha, in Patna खँड्रवारच्या khanrgarna, and in South Bhagalpur गुर-चर्चा gurhandi. North of the Ganges and in Gaya it is बाद nād or बाँद nānd.
- 315. The drain is जासी nāli or जारी nāre, or in South Bhagalpur करण्या karha. In Sāran it is also called बाता khāta.
- 316. The reservoir is north of the Ganges, and optionally in Shahabad, বাহ nād or ৰাই nānd. In Shahabad it is তামা dobha, in Patna বাই haud or বৰ্ষা charua, and elsewhere south of the Ganges ব্যৱস্থা chahbachcha.
- 317. The treading-floor is use patta north of the Ganges. South of it, it is in Shahabad uter pata, in Patna and Gaya users chabutra, and to the east state.
- 318. In making regular sugar or the sakkar, the drain and the reservoir are used as before. The bundles (attail motri, or in Patna attail nargi, in Gaya unt thaiya, and in South Bhagalpur attail gāja) of sugar are tied up in cloths [wint lotha or (in Patna and Gaya) thaina], placed on a bamboo framework and pressed with weights of stone or sun-dried clay. The framework is called north of the Ganges with khānch or utu khāncha, or (in Champāran and East Tirhut) thai chhainta. In Shahabad it is satist thatri or takthi, in Patna and Gaya takthi, and in South Bhagalpur utu chānchri. The weights are utu chāmpa, or, when made of stone, unu pathal, or in Saran und thāpi.
  - 319. The following utensils are used in the boiling-house:—
    - (a) An iron boiler, were karah, were karaha, or were karahi.

      When an earthen boiler is used, it is called were khapra or were khapri, or in South-West Shahabad and East Tirhut were athri.

- (b) An iron ladle for removing the scum. This is स्वीटा chhanauta or पौना pauna, also in Patna and Gaya फंकारा jhanjhra.
- (c) An earthen pot with holes in it, used as a filter, আহ nād or কৰি nānd. In South-West Shahabad it is উতিৰাম কৰে thenthiwāl nād.
- (d) A filter of river grass, known as सँवार semwar or स्वार sewar, or in North-East Tirhut समार semar.
- (e) A scraper for removing the layer of clean sugar. When made of shell it is called বিশ্বমা situa, or in South-West Shahabad বিশ্বমা situha or মুনুমা sutuha. A curved knife used for the same purpose is বিশ্বমানী sihorni in Sāran and Champāran, বিশ্বমান sehorna in Shahabad, and বাম্বেরা sohurna in North-East Tirhut.
- (f) The filtering-basket for cleaning the same is আঁলা khāncha or আঁলা khānchi. In Gaya it is ভত্তৰা dalwa, and in the east also ভত্তী deli.
- (g) The wooden or iron ladle for cooling the boiling syrup is north of the Ganges मांतिया tāmiya or (in Sārān and North-East Tirhut) निवा tamiya. South of the Ganges it is स्था dabbu, (in Shahabad) गुरुद्ध gurdan, or in South a Bhagalpur भौभारा jhanjhra.
- (h) The iron stirring ladle used for taking syrup from the boiler and larger than the last is আনা tāma north of the Ganges; in Shahabad it is জ্বাৰা khurchani or ভাৰনা dohra; in Patna and Gaya it is ভাৰাৰী chholni; and in South Bhagalpur ভাৰাৰা dohla.
- (i) The earthenware jug for pouring the syrup into the boiler is चेवा saika, also चवा hattha in Patna and Gaya, and पंचनी panchni in South Bhagalpur. A larger jug of the same kind is विवादा nimra north of the Ganges, and विवादा nibra or परचा parchha south of it; also जीवा taula in the east.
- (j) The wooden supports of the filter are north of the Ganges पाना khāta, or खूँडा बचा khūnta balla south of the Ganges. They are in Shahabad चिन्ने sirhi (also in South Munger) or निरम्पार tirpāi, and ज्यार tepāi in South Bhagalpur. In Patna and Gaya they are made of earth or brick, and are called नोची gori.

- (k) The shovel for stoking the fire is प्राची pharuhi or प्राचा phahura in Sāran and Champāran, and प्राचा pharuha or कोट्रारी kodāri in East Tirhut. In Shahabad it is प्राचा khorma, or in the south-west of the district प्राचा pharsa. In Gaya it is प्राची karhni, in Patna प्राच्या agkarhna, and in the east प्राची karchhul.
- (1) The ladle for stirring the hot syrup in the cooling pan is নমিঘা tamiyān north of the Ganges and নীৰ্ঘা tambiya in Shahabad. In South-West Shahabad it is ভৰু dabbu, in Patna and Gaya ৰতাৰা ghatna, and in the east also হাৰা dāba.
- (m) The piece of matting or cloth in which the sugar is dried in the sun is पास pāl, also in South-West Shahabad पाटा pāta, in Gaya टपर tappar, in Patna टाड tāt, and in South Bhagalpur परी chatti.
- (n) The flat wooden pans for cooling the syrup are कडोता kathauta or कडोती kathauti, also in the east कडोत kathaut, and in Saran कडावत kathwat. In Saran and Champāran they are नाइ nād or चोचीनी osauni.
- (o) The vessel into which the juice drops as it is filtered is परच्या parchha or (North-East Tirbus and Shahabad) नौसा taula.

## CHAPTER III.—APPLIANCES USED IN THE MANUFACTURE OF INDIGO.

- 320. Indigo manufacture is confined almost entirely to North-Gangetic Bihār.*
- 321. The indigo beating-vat is not a first of mahai ke hauj (or haud), and also in North-East Tirhut no first mahaniya haud. The water reservoir is not khajana. The upper or steeping-vat is not bojhai ke haud, or in East Tirhut no first objhaniya haud. The rake for agitating the fermented liquor is not phahuri in Saran and not pharuha elsewhere. In North-East Tirhut it is also not pharma.

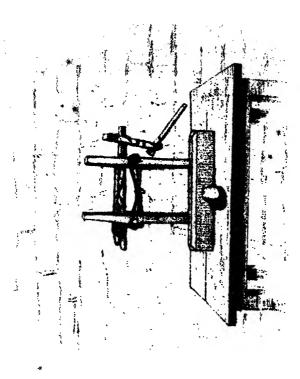
^{*} The author is indebted to W. B. Hudson, Esq., for much of the information contained in this chapter. The system of manufacture described is the old style, now only used by natives. In European factories the use of steam power has made considerable changes.

- 322. The beams of wood for pressing the plant are that dabauta in Saran and Champaran, that sahtir in Tirhut and Saran, the dah or the dharan in North-East Tirhut, and the bim in South-East Tirhut. These are supported on projections in the walls of the vat, called that majusi, or in Champaran and tan. In East Tirhut they are called forward sirpaha. Under these pressing-beams are placed, the ballal, or in Saran the kainch, which are bamboos laid immediately on the top of the plant.
- 323. The चौद्रनी haudri (Sāran and South Tirhut) or साम सदी māl jhari (Champāran and North Tirhut) is the small reservoir where the indigo juice collects to be taken to the boiler. The drain is नासी nāli or नारी nāri, or in Sāran सोरी mori, and the चेन्न chhekan is the door by which it is closed. The strainer is सन्ना chhanna, or in South-West Tirhut चन्द्र chaddar.
- 324. The boiling-room is कराइ घर karāh ghar. The चेल mej is the wooden or masonry straining table in which the indigo is put after being boiled. This is the name in Sāran, Champāran, and West Tirhut; to the east it is बाजू सेल bālu mej or (in South-East Tirhut) साल सेल māl mej.
- 325. The utile pirich or utile piris is a corruption of the English word "press," in which the boiled liquor is placed in a cloth and the water pressed out. In Sāran stat dāla, and elsewhere saint chalna, are the perforated boards placed above and below the indigo in the press. The screw of the press is us pench. The square boss or nut on it is saint dhibri. The utiled morni is the spanner or apparatus for turning the screw. In South-East Tirhut it is also united mamorni or uses pechkas. The large wooden beam through which the screw passes is due theha in Sāran, and elsewhere called abauta or and dāb; when it is made of iron it is called in South Tirhut at bānk. The saint kutka are small pieces of wood placed below and above the user dāla or users chalna.
- 326. The machine for cutting cakes is wath pharma, and the wires with which they are cut att tar.
- 327. The cakes of indigo are नोडी goti, and they are dried in a drying-house, नोडी बर goti ghar, on shelves, called in East Tirhut मचान machan, and elsewhere चानी chāli.

- 328. The following are among the implements used in indigo agriculture:—
  - (1) The भरम समी dharm laggi, a wheel for measuring land, each revolution of which covers one समी laggi.
  - (2) The sere kudar or serie kudari, a mattock for digging.
  - (3) The T har or plough, which is of two kinds—
    - (a) विचापनी bilāëti, or English plough.
    - (b) देशी desi or कडीर kathaur, the country plough.
  - (4) दाँदी tānri, the drill plough.
  - (5) aut kanta or saltral khakhorni, the rake or harrow.
  - (6) खुरन्पी khurpi, the spud for weeding.
  - (7) The hansu or Than hansua, the sickle for cutting the plant.

### CHAPTER IV.—THE SPINNING-WHEEL

- 329. The following diary shows the process of spinning thread and making cloth in the subdivision of Madhubani, in North-East Tirhut, in the year 1879:—
  - On the 20th September the writer bought 24 sers of cotton, being a day's plucking on a sunny day from about a bigha and a half of cotton field. The cotton at to banga (see § 1016 for the various names and varieties) was of the kind called at kokti, which ripens in the month of Bhādon (August-September). It was pulled out of the husks from the tree.
  - 20th—26th September.—During this time the cotton has been drying in the sun, and now (26th) two old women are employed to clean it, picking out the dirty and immature cotton, called work karkut. This is principally composed of seeds which have come to nothing and been worm-eaten. This cleaning is done by hand. It lasted to the 30th September.
  - Ist October.—Commenced to separate the seeds, बँगीर bangaur, from the बाँग bānga. This is done by a machine called बराबी charkhi, which consists of two rollers, about an inch thick, of hard wood tightly wedged one above the



# THE SPINNING-WHEEL (CHARKHA).

an Beharry Dass Student Cort. School of Art Calcutta.

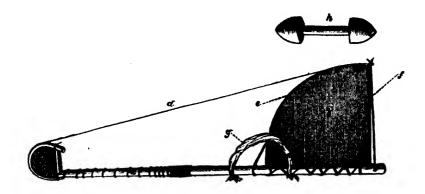
# MACHINE FOR CLEANING RAW COTTON (CHARKI)

Primes by Abdoor Rohim Gove School of Art Calour

other; both rollers are supported in uprights, the ends passing through. At one end the lower roller is turned by a handle, and has at the other end, where it projects from the upright, a screw cut in it. The same end of the upper screw has a reversed screw cut in it, and these two screws fitting into each other act like cog-wheels; but when the lower roller is turned, the upper roller turns in the direction reverse to that of the lower one, so that they act as a pair of feeders tightly wedged together. The utant bānga or uncleaned cotton is then applied to the feeding side of the two rollers, and on the handle being turned the cotton is pulled forcibly through by their revolution, while the seeds remain behind and fall down to the ground.

- 330. The two upright standards are called wet khūnta, and each of the rollers wife jāthi, or in Sāran wet? sanrāri. Underneath the rollers is a cross-bar, called we kal, joining the two uprights and holding the machine together. The well khūnti is a wedge going through each upright from front to back, under the cross-bar and holding it and the roller in their places.
- 331. The प्यारी pachri are the wedges running sideways through each upright and tightening the two rollers together. The crank which turns the lower roller is called सकरी makri, and it is held to it by the किसी killi or linch-pin. The handle at the other end of the crank, which is held in the hand, and by which the machine is turned, is called स्वाति lagani, or in Saran स्थीनी chalauni and in Gaya स्थीरी hathauri.
- 332. The base of the machine in which the uprights rest si called **पोहा** pirha, or to the west पिडिया pirhiya, and out of this projects behind, along the ground, the सक्तवा majhwa, on which the foot of the operator is placed to keep the machine steady.
- 333. The cotton, when cleaned from the seeds by this machine, is called  $r\bar{u}$ ,  $r\bar{u}i$ , or  $t\bar{u}r$ ,—the last by women of the upper Hindu castes, and the two first by Musalmans and low-caste Hindus.
- 334. The above lasted three days. It was then again cleaned (सूज्य tūnab, सूज्य tūnab, or (in Shahabad) सूज्य tūnab, to clean), the few remaining pieces of husk, &c., being picked out by hand.

- 21st October.—The cotton was to-day put out in the sun preparatory to being carded (qua dhūnab, to card).
- 22nd October.—To-day two cotton-carders (धुनिया dhuniya) came to card the cotton. Each brought with him a machine, called a धुनःको dhunki, or to the west भहरी dhanuhi. In Gaya it is धुनेटो dhunethi, in South Munger and South-East Tirhut धुनेड dhunaith, and in South Bhagalpur धुनःषड dhunhath.
- 335. It is composed of the following parts:—



- (a) The flexible piece of wood acting as a bow, called **ভাই** danti or ভাই danta to the east and ভাইৰ danri to the west.
- (b) A broad wooden board, called **utter** phareha in North-East Tirhut. In South-West Tirhut it is **utter** pharauta, in South Bhagalpur **utter** pharuha, and elsewhere as **utter** pharha.
- (c) The bridge over which the string is passed, माँगी mangi. In Shahabad and also optionally in East Tirhut it is माया mātha, in South Bhagalpur मयावा mathwa, and in South Munger मगावाची magwāsi.
- (d) A leather string, called ata tant. In Patna and Gaya it is also called that roda.
- (e) A leather strip acting as a sounding board, lying along the round edge of the **util** phareha, on which the string rebounds, called **yet** puchhet or **yet** puchheta generally,

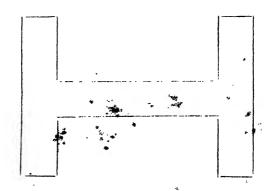


A Cotton-cardor (Dhuniya) at Work.

- and Champāran. In North-East Tirhut it is ynite pushtail, and an optional name in Shahabad is ynite puchhauta.
- (f) A stout leather string along the outer side of the परंचा phareha, to one end of which the नाँन tant is attached, while the other end is fastened to the चडा danti. It is used to tighten the नाँन tant, and is called चिराची ghirchi or चुराची ghurchi. When pegs are used for tightening this, they are called चीरी biri or चिरिया biriya.
- (g) The sure hathhar, sure hathgar, or sure hathkar, is a loop of string under which the left hand is passed to hold the machine steady. The above is the name current in North-East Tirhut. South of the Ganges it is also called sure hathkar, with variants sure hathkar or sure; hathkar in Shahabad. In North-West Tirhut it is sure hathra, in South-West Tirhut and Sāran sur hathā, and in Sāran and Champāran garant muthwāra.
- (h) The mallet for twanging the bow, of wood, shaped like a dumb-bell. It is held in the right hand, and the নান tant is struck and twanged with it. It is called জিলা jista, and also (in Tirhut and South Bhagalpur) হিলা dista. In Patna it is called হলা dasta, and in South Munger হিলা distha.
- 336. In using this instrument it is held by the left hand under the next hathkar, which passes over the wrist, and the next twanged the midst of the cotton by the form jista, which is held in the right and. This process loosens the texture of the cotton, and causes all the 1st and dirt to fly out of it. The grand dhunki is not allowed to rest the ground, but is supported in the air by the reservant hathkar passing for the wrist, and it springs up and down as the next tant is twanged.
- 337. The whole pile of cleaned cotton was called and gothi. While is was going on, two old women were called in to make little hollow lls of cotton to be made into thread. They are called to the east pini, and to the west trail piuni or resident. A local name in ast Tirhut is at pir. These are about four inches long and a quarter an inch thick. A lump of clean cotton, the size of a walnut, is put und a thin skewer, called trail pinhsari, and is then rolled on a sard, called trail pirhiya, with the palm of the hand. These are en tied up in bundles of about ten each, called the mutthi.

- 338. These with pini are now ready for being made into thread in the spinning-wheel.
- 339. The spinning-wheel is **परन्या** charkha, but in South-West Shahabad it is **(परन्या** rahta, and in the south-east **परन्या** jarkha.
  - 340. Its parts are as follows:-

The foundation.—This is in the shape of a double letter T: thus—



- 341. On one of the cross-pieces the driving-wheel stands, and on the other the spinning apparatus. This foundation is called पीड़ा pīrha or पिड़िया pīrhiya to the east, and पिड़र pīrha to the west. The connecting bar between the two cross-pieces is मेंगाचा manjhwa or मौका mānjha, in Patna and Gaya it is खनाचारा latkhora, and in South Bhagalpur मनःभार manjhāi.
- 342. The driving-wheel.—The supports of the driving-wheel are called statements. The wheel itself is composed of two parts,—
  - (a) The central boss or nave, and
  - (b) The four spokes on each side of the nave.
- 343. The nave is called मूंची munri or मुझी muri south of the Ganges, and मूंदी munri or मुद्दिश munriya north of it; in East Tirhut it is also नामा tama, and in South Bhagalpur and South Munger पेसा paila. It is about 5 inches long and 4 inches thick.
- 344. There are four spokes lying across each end of the nave from one circumference to the other; there are therefore eight radii on each side, and they are so arranged that the radii on each side are not opposite each other, but alternate. Each of these cross spokes is called yell putti or yell puti, or in South-West Shahabad asset kamri; sometimes they are also as that a khunti.

345. These spokes are held in their places by a string, called ware awal to the west, ware amwal in Patna and Gaya, and ware amal or ware amalh to the east. In South Munger it is ware amhal. This string goes round the extremities of each radius of each side alternately: thus—



It forms therefore a kind of edge or rim of a broad wheel, something like a paddle-wheel, and over it passes the driving-band which turns the spinning apparatus. This paddle-wheel is about a foot in diameter and five inches thick.

- 346. The central axle of the driving-wheel is called wire lath generally north of the Ganges and in South Bhagalpur. In Tirhut it is called wire jath, and in North-East Tirhut also wire latth or with South of the Ganges it is generally with belna. It is caused to revolve by a crank end called with makri, or in Shahabad and West Tirhut with nak. It is will darhi or elect darhiya elsewhere south of the Ganges, except South Bhagalpur, where it is again with makri. To this is attached a handle, called to the west and in Gaya with halauna, and to the east with larna or with larani In South-West Shahabad it is called with bhaunti or with hamwat, and in Saran prionally with chalauni.
- 347. The driving-band is called now mal or note math. It is ubbed with rosin (now dhuman) and oil (notel), and is then blackened with charcoal (notel). The driving-band goes twice round he driving-wheel and the spinning-axle, once passing through the notel mathathi (vide post), and once not.
- 348. The spinning apparatus.—We now come to the spinning pparatus. There are three perpendicular uprights. The two outside ness are called **upright**, and the middle one is called **upright** malkāthi.

  n Patam these three uprights are called together **upright** achkathiya, and in South-West Shahabad **upright** khuntiputti. The we outside ones support the bearings of the spinning-axle, and the

centre one has in its length, facing the driving-wheel and going right through its thickness, a long slot cut. One of the strings of the driving-band passes through this slot, and the other passes outside it, so that the double turn round the spinning-axle can never get jammed up together, and so entangled.

- 349. On the two outside uprights, on the side furthest from the driving-wheel, project two stiff pieces of leather, called **THICLE** chamrakh. These form the bearings of the spinning-axle, which passes through them.
- 350. The spinning-axle.—This is called takua, and also to the west takua. It is an iron skewer about 8 inches long and an eighth of an inch thick at the thickest part. It projects a distance of three inches beyond its bearing on the same side as the handle of the driving-wheel. This bearing has on each side two little pieces of wood fitting on to the spinning-axle, which act as washers, and are called the chhuchchhi. Outside the outer washer on the spinning-axle is a flat disc called the phirki, and two and a half inches of the axle project beyond it.
- 351. The driving-band, after passing twice round the driving-wheel, passes through the मस्ताडी malkāthi, then twice round the spinning-axle, and then back to the driving-wheel outside the मस्ताडी malkāthi; and it is evident that even the slow turning of the driving-wheel will make the spinning-axle revolve at a very high speed indeed.
- 352. In spinning, the projecting point of the spinning-axle has a short length of thread attached to it, and then, while the handle of the driving-wheel is turned with the right hand, a roll of cotton (vivi) pini) is held in the left hand between the finger and thumb, and the cotton, being quickly caught up by the length of thread, is drawn off in the shape of thread on to the quickly revolving spinning-axle.
- 353. When the projecting point of the spinning-axle is filled with thread, the whole is called a gravil kukri, or in Saran gravil kukurhi, and is wound off on a winder, called user parta or user pareta. It is also called in South-West Tirhut user natwa, and in East Tirhut user latwa or version natwa. In South Bhagalpur it is called use nata. This is like an ordinary silk-winder. The handle (user chalauna) of the driving-wheel is taken out of its socket in the crank (user makri), and in its place is placed one end of the axle of the winder. The other end is held in the right hand, and is revolved between the finger and thumb. The winder

conical in shape, and does not need further description. It will ld half a quarter of a ser of thread at a time. When it is led, the thread is taken off and tied in hanks. These are generally जा pola, पोडी poli, or पोडिया poliya. Local names are बची natti forth-East Tirhut), उसी latti (Patna and Gaya), and करानी karchi South-West Shahabad.

354. The diary breaks off here temporarily, as the spinning of this rticular cotton was not done in the writer's presence. He wished thread to be spun as fine as possible, and as this could only done by Brāhmani women, who would not come to a strange use, this part of the work was done by them at home.

### CHAPTER V .- THE WEAVER'S LOOM.

- 355. The following is a continuation of the same diary.
  - 18th January 1880.—The skeins of fine thread were brought to me to-day, and were put in water. To soak for eight days. This strengthens it.
  - 27th January.—After they had soaked this period I sent for a weaver. A Muhammadan weaver is जोज्ञार jolha or मोसिन momin, and a Hindu weaver is तंत्रका tantwa or साँसी tānti, or, in Shahabad नाँसी tānto. Sometimes the Hindi word जोज्ञारा jolāha is used instead of जोज्ञारा jolha.
- 356. The Musalman weaver or start jolha is the proverbial fool Hindu stories and proverbs. He swims in the moonlight across fields flowering linseed, thinking the blue colour to be caused by water. It hears his family priest reading the Quran, and bursts into tears the gratification of the reader. When pressed to tell what part feeted him most, he says it was not that, but the wagging beard the old gentleman so much reminded him of a pet goat which addied. When forming one of a company of twelve he tries to bunt them, and finding himself missing wants to perform his own meral obsequies. He finds the rear peg of a plough, and wants to be tap farming on the strength of it. He gets into a boat at night, and forgets to pull up the anchor. After rowing till dawn he finds imself where he started, and concludes that the only explanation is

that his native village could not bear to lose him, and had followed him. If there are eight weavers and nine hukkas, they fight for the odd one. Once on a time a crow carried off to the roof of the house some bread which a weaver had given his child. Before giving the child any more he took the precaution of removing the ladder. Like the English fool, he always gets unmerited blows. For instance, he once went to see a ram fight and got butted himself, as the saying runs:—

# करिगद बाढ़ तसाचा जाव

Karigah chhār tamāsa jāy, Nāhak chot jolāha khāy.

- He left his loom to see the fun, and for no reason got a bruising.' Another story (told by Fallon) is, that being told by a soothsayer that it was written in his fate that his nose would be cut off with an axe, the weaver was incredulous, and taking up an axe kept flourishing it, saying थीं करावा तर नोड़ कांडावीं, भी करावा तर वाय कांडन्बों, चौर यो करन्या तय मा-, yon karba ta gor kātbon, yon karba ta hāth kātbon, aur yon karba tah nā-, -if I do so I cut my leg, and if I do so I cut my hand; but unless I do so my no-, and his nose was off. A proverb जोकन्या जानिय जो कार्ड jolha janathi jau katai,—does a weaver know how to cut barley,-refers to a story (in Fallon) that a weaver, unable to pay his debt, was set to cut barley by his creditor, who thought to repay himself in this way. But instead of reaping, the stupid fellow kept trying to untwist the tangled barley stems. Other proverbs at his expense are and THE THE के, जोसन्दा चलन चार के kaua chalal bas ken, jolha chalal ghas ken,the weaver went out to cut grass (at sunset), when even the crows were going home ; जोसन्दा सनिएसांच तीसी सेत jolha bhutiailah tisi khet,-the weaver lost his way in the linseed-field, an allusion to the swimming exploit already recorded. His wife bears an equally bad character, as in the proverb वसन्ति जोसन्तिन वापक दाँदी कोचे bahsali jolhini bapak danrhi noche,-a wilful weaver's wife will pull her own father's beard.

357. The weaver proceeded to set up in the ground seventeen pairs of sticks in two lines, at a distance between each pair of about one and a quarter cubits, and between the lines of about two cubits. At each end of each line a stout bamboo post is fixed, and close to each of

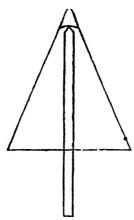
se at one end another smaller staff. Round these sticks the thread wisted as follows:—



A, A, A, are the tops of the bamboo posts, and the dots are the os of the smaller sticks.

358. This operation of setting the warp is called तानी करन tānirab, or in Shahabad ताना करन tāna karab. The bamboo posts are lled जूँदी khūnti, and each stick, अंतर sar. These last are called in ran, Champāran, and North-West Tirhut चरन्ता sarka.

359. The sticks immediately in front of the bamboo posts are called the west जिल्ला chhitua, in Shahabad चियानी chhipki, and to the east टाकी chhitki, also in North-East Tirhut चोरीक पर dorik sar. The hole apparatus is called नानी tāni, or in Shahabad नामा tāna, and the read to be stretched is put on a kind of pyramidal reel called चरानी arkhi. It spins on a spindle, called द्यानी dagni, or in Shahabad दाँगी ingi, and in the inside of the apex of the cone is a cup called चोड़ी ori, or in Shahabad चोड़ारी tholri, in South Munger चोड़ारी thorli, and South Bhagalpur डोई toï, which rests on, and revolves on the point the spindle: thus—



360. The spool is composed of 14 slips of bamboo, forming the ramework of the cone, fastened at equal distances round the circum-

ference (sur chakkar) of the base of the cone, and converging to a point at the top.

361. The spindle of the spool is held in the left hand, and the weaver walks up and down between the two lines of thread, directing the thread by a hook called with khūnri or with khonri, or in South-West Shahabad war khunda, in South Munger with khundi, and in North-East Tirhut and Shahabad war khūnra, and shaped as follows:—

The hook at the top is made of iron.

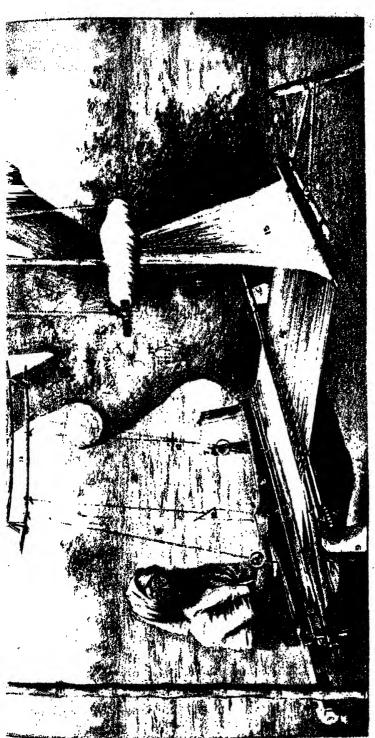
362. 5th February 1880.—The warp having now been all set upon the sticks (st sar), they were, with the get khūnti, pulled up, rolled up, and put by till to-day. To-day they were unrolled and laid out in a long line on the grass. The at khunti were then carefully drawn out, and a bamboo staff, called fette sirar (or fette sirāri), put in the place of each. It will be remembered that the ser were in pairs, and that at each pair the Another kind of thread crossed thus sar is now taken, made like a long shallow bow, except that the string is made of a thin strip of bamboo. This bow is called said sutri, or in Tirhut The arch of the bow is also made of bamboo. The bamboo string is called sit dori. The arch of the bow is now passed through the threads where one of the old ut sar was, and the bamboo string through where the other sar of the pair was, so that the cross of the threads is still preserved. The bow and string are then fastened to each other at each end. The arches of the various bows all face one way. The warp is then laid out on the ground, and the threads neatly spread out upon the bows in parallel lines, to the width of the future piece of cloth.

362A. 9th February. - The thread thus arranged was rolled up, dipped into, and well wet with cold rice-water (ATE manr), to which some # T marua seeds had been added to stiffen it. It was then unrolled and stretched out horizontally at a height of three feet from the ground and brushed with a large brush, called we kūnch, dipped in mustard oil and water, which smooths the threads and takes away any knots or inequalities in the thread. This brush is also called was majna in West Tirhut, माँचा mānja in South Bhagalpur, and माँचन mānjan in South-West Shahabad. The cross sticks on which the thread rests are called माँका mānjha, and the cross bamboos at each end are statel thenghni or will six lathi dor to the west, जोड़ा gora to the east, जारेग khasraiya in North-West Tirhut, TIT dhattha also in North-East Tirhut, eter dhantha in South Bhagalpur, and with lathi also in South-East Tirhut. This brushing is hard work, and takes eight men to do it properly. The brushing is along the threads, and not across them. The bristles of the brush are made of using khaskhas. called also in Saran कत्रा के जड़ katra ke jar, such as is used for tatties, and are about two and a half inches The brush itself is about a foot long and two inches wide. The brushing went on for three days, and is called ut we pai karab, and also in East Tirbut नायन करन tasan karab. The phrase चार पार di pai means the brushing and other preparations, and there is a proverb, जोसन्या के चाद पाद, चमन्दा के विचान jolha ke aï paï, chamra ke bihan,-when a weaver says the cloth will be soon ready, as he is now brushing it, don't believe him, any more than you believe a shoemaker who says 'the boots will be ready to-morrow.'

362. When this was concluded, the threads were put into the loom and weven at the rate of a yard a day. The loom is little different

from that used in England. It is called when kariyah to the west and wreak kargah to the east. It consists of the following parts:—

- (1) The shuttle.—This is बराबी dharki in Gaya and to the west, and कपराविको kaparbinni or कपराविको kaparbini to the east. In North-East Tirhut it is also called कपरावी kaparni.
- (2) The needle inside the shuttle, on which the thread is wound, is fat tiri, and the tube which revolves on this end chhuchchhi, or in Shahabad end chhunchhi. When thread is wound on this tube the whole is called नरी nari. also in East Tirhut नरी lari. This is held in its place in the hollow of the shuttle by a pin made of a feather. This is called प्यानरी pakhnari to the west and in South-East Tirhut, bir in South Bhagalpur, and प्याचीर pakhbir or पर्वेषारी pakheāri to the east. A weaver estimates his work by the number of and nari which he uses up, as in the proverb in which he is supposed to address a man who has seized him to carry a load, डॅगन्य कर डॉग्ड, निष्ट ते नी नरीक परन्यति चोप्रत tangbah ta tangah, nahiñ ta nau narik harkati hoet,-if you must load me, load me quickly, otherwise the time of nine shuttles will be wasted.
- (3) The wooden frame suspended from the roof, which after the shuttle passes is pulled forward by the weaver and drives the thread home. This is we hatha or we hattha in West Shahabad, Patna, and West Tirhut, which kamhan in the west generally, which kamhan in the north-west, and which kamhanda in Gaya. In North-East Tirhut it is well tana, and in South-East Tirhut with tani In South Bhagalpur it is and tankar.
- (4) The comb of reeds or bamboo in this bar, which keeps the threads of the warp apart, is called the rachh.
- (5) The heddles, which alternately raise or depress the threads of the warp, are wy bae or a bai.
- (6) The set of three reeds which is placed in front of the heddles to keep the two sets of the threads of the warp apart is



The Country Loom (Kariyak).

unpat (roller).

बारायम atrawan north of the Ganges generally and in Shahabad, and बरायन tarawan elsewhere south of the Ganges. Another set of three reeds also used is called बंदानी bhanjni in Champāran, North Tirhut, Gaya, and South Munger, and the two sets together are called in North-East Tirhut बारायम मॉक atrāwan bhānj. In Patna and the south-east the reeds are also called बर sar.

- (7) The elastic bow which keeps the woven cloth stretched in front of the weaver is via pannik south of the Ganges; north of the Ganges it is via pannikh, and also val panni in East Tirhut.
- (8) The wooden roller behind which the weaver sits, and on which the cloth is wound up as fast as it is made, is in the north-west, in West Shahabad, and in South Munger खरेडन lapetan; elsewhere it is चौपत chaupat.
- (9) This is supported by posts called wet khūnta; also the right and left ones have different names, viz. the right-hand one, which passes through the roller and prevents it turning round, is forwer jibhela everywhere, in North-East Tirhut also forwer jibhela everywhere, in North-East Tirhut also forwer jibhela. In South Bhagalpur it is need with jibhela. In South Bhagalpur it is need with khūnta. The left-hand one, against which the roller rests, is with banghela north of the Ganges everywhere. Also, in East Tirhut, as also to the west and Gaya, it is with banwari or with banwariya, in Shahabad it is also with pachhela, and in South-West Tirhut was also to the West Tirhut was also to the Bhagulpur it is also called with bansila. In South Bhagulpur it is simply was khutta.
- (10) The woof is supported at the end opposite the weaver by a piece of wood called with kharkaut to the west and with kharkauti to the east or with kharkauti in South Bhagalpur, which is held up by pillars called with kanaili to the north and west, with khanta in East Tirhut, we tham in Patna, with thumbhi in Gaya, and wat thumbha in the east, and also with kharko khanta in South Bhagalpur.

- (11) The woof is held tight by a string, which is fastened to its end and passes round a peg at the extreme end of the loom and back again up to the weaver, where it is fastened within his reach to another peg. He is thus able to slacken the woof as necessary. The first peg is called बनेसा के इंडा agela ke khūnta, or in Tirhut परक्तीनों के इंडो sarkauni ke khūnti; the second peg is called बनेस्का के इंडा dorbandha ke khūnta, or in South Bhagalpur कन-किसी kankilli.
- (12) The treadle, which the weaver moves with his foot, is याँचार paunsār or पौचार pausār generally, and in East Tirhut पचार pasār. The knob on this, held between the weaver's toes, is पौनान pautān.
- (13) The upper levers, to which the heddles are attached, are কৰাকী nachni generally. In East Tirhut they are ভাৰকী lochni, and in South Munger অৰ্থনী lachni.
- (14) These levers are fastened to an upper beam, which has various names, viz. अभेर abher to the west, भिनःभेरा bhitbhera in Sāran and Champāran, अवाना dhachāna in South-West Tirhut, अवान dhachān or अवानी akāsi in North-East Tirhut, अवाना uparkar in South-East Tirhut, अवाना karbār in Gaya, and अर kar in Patna and South Munger.
- 364. The loose end of the woof (vit pāi) is called ferrar sirāra, and it is wound up on start tangni, which is hung up out of the way.

# CHAPTER VI.—THE SALTPETRE MANUFACTURER.

- 365. He is called an interpretary norman. The round vat in which he dissolves the saltpetre from the saline earth is with kothi north of the Ganges, and south of it were ahri. The mother liquid thus produced flows out through dirain called very panar in Tirhut and to the east, and when paunar to the west; also in Earan when mohan, and in South-West Shahabad were parnauha. It flows into an earthen vessel fixed in the ground, called were nadha, and nad, or wret nada, also were parchha in Tirhut and towards the west, and were garni in South-East Tirhut.
- 366. The mother liquid is called verse, or in South-West Shahabad verse agras. After the saltpetre has been deposited, the

fuse liquid from which salt can be educed is called **vers** pachhāri, in Souths West Shahabad **vers** kāhi. In Sāran **vers** kāhi means the luor from which salt is educed, and **vers** pachhāri the refuse which thrown away.

- 367. Over the round wat are placed bamboo rafters, which are lied with koras to the west, who in North-East Tirhut, and stars patwatan in South-East Tirhut. These are supported on bricks, inta, and over them is spread straw, called wint chhāja, fusi hitti, or we khar.
- 368. The mother liquor is boiled in a large iron pan called with trah, or (to the east) when taula. When made of earth it is called with kunda, or in Sāran with khor. The fireplace is called with chulhabe pot for cooling the boiled liquid is that hanriya, or to the east is taula.
- 369. The iron curved spud by which the saline earth is scraped om the ground or wall is equal khurpa, and the mattock for digging is phahura to the west, where kodār in Tirhut, and saline earth is shared tokri, and that for carrying the saline earth is shared tokri, and that for carrying the saltpetre was chhainti
  - 370. In South-West Shahabad-
    - (a) अवसा होरा jarua sora is saltpetre prepared by boiling ;
    - (b) will abi sora is saltpetre prepared by evaporation by the sun's rays; and
    - (c) अञ्चली भोरा kalmi sora is refined saltpetre.

# CHAPTER VII.—A DISTILLERY OF COUNTRY-LIQUOR.

- 371. where bhatthidar or attacker is a distiller. In Saran is is also called the ranki. The Muhammadan who sells ountry-wine; where kalear is a Hindu who does this. The kalal nd the ranki are caste names. When the man of another caste sells in quor, either on his own account or as a servant, he is called attacked. It is a distillery. The kalali or and gaddi is a lace where country-pririts are sold.
- 372. The still is called wit bhatthi, and consists of the following arts:—
  - (1) in deg or in deg, the boiler.—This has a baked earthen cover called water adhkar, or in Saran water adhkar.

- (2) Over this is inverted a wide-mouthed globular copper vessel; this is called with tammi, or in Saran with tamiya. It serves as a condensing-vessel. The spirit rises into it, and over its outside surface runs continually a supply of cold water.
- (3) The water reservoir is ৰাহ nād. The water flows from this through a pipe called ঘাৰৱা paunalli, or in South Bhagalpur पश्चाकी pannāli, and in Sāran also ভাষা dhonga, on to the top of the condensing-vessel.
- (4) The spirit thus condensed flows out through a pipe called
- (5) The spirit is collected in an earthen jar called the tank or matuka, and in this it is carried to the place of sale.
- (6) The refuse left in the boiler is रच ras; also, in Gaya, बकास baksa, and in South Bhagalpur also गोरा gora.
- (7) सामन sājan or चानन chhāban is water used for diluting spirit, so as to increase the quantity for sale.
- (8) The liquid for distillation is made as follows. Liquid (veras) and sweet preparations (veratha) are mixed and buried in the ground. This mixture is called have hasaunji. When it is ripe was mahua is poured into it. This act of mixing is called wead bhart. When the mixture is sufficiently fermented for distillation it is called when bojhai. The constituents of the veras and of the wist mithat very, and are not detailed here.
- (9) Earthen cups for drinking country-spirit are was chukkar, grant gueki, on the annitana.
- (10) Pots for keeping the spirit in the shop are called बाड māt, कोरना kerena, or in Shahabad कोरना kaurena and बरवान buiyām. In Sāran another name is करावा karāba.
- 373. Ordinary weak country-spirit is दोकानी dokāni, and also in Saran करिया khasiya; the next strongest (when made of कूट gar only) is करी kandi or (when made of other materials) दोकारा dobāra; the next strongest is बीकी saumphi, or in South-East Tirhut देवारा sebāra; and the strongest of all, क्यरद्वार mahardar.

### SUBDIVISION VIII.

# APPLIANCES USED BY MISCELLANEOUS VILLAGE TRADERS AND PROFESSIONALS.

### CHAPTER I.—THE PALM-JUICE SELLER.

- 374. The palm-juice seller is पाची pasi.
- 375. In climbing up the palm-tree he uses a heel-rope, which ties feet close together. At the same time he has a stout rope passing and the tree, and his body. He leans back against this rope, and asses the soles of his feet, thus tied together, against the tree. He in climbs up the tree by a series of hitches or jerks of his back it his feet alternately. The heel-rope is called ward makri, or to the st used pakusi. In Shahabad it is used pakusi, and in Tirhut and that after phandiya. The body-rope is generally are darroans. the east it is also that rassa, and in South Munger attent barta.
- 376. The longish earthen pot in which the juice is collected is led ward labni, or to the east ver urbarh. Round its neck is tied a ing, called to the west vera arwan and to the east ver phanni or phanki, or in South-East Tirhut Trauna. This string is oked on to a hook, vera ankura, or in Saran vera ankurha, in ahabad vera ankusi, and in South Bhagalpuration ankora, which tied to the man's waist by a rope, vera lewar, or in Saran vera urkas, in Champaran vera danra, and in South Bhagalpur vera petar.
- 377. The sickle used for cutting the palm-tree is stall hansuli to west and stall hansua to the east. It is sharpened on a piece of od called stall lautha, and also, to the east stall sonta, or stall hath in South Bhagalpur, and start baletha in South Munger.
- 378. A च्योग hathauna of नर्जा tarkatti, or in Saran चारना labna, a large longish earthen pot for holding toddy (नाड़ी tāri). In South agalpur नीचा taula or कचा kunda is an ordinary vessel for holding जापा nāpa, or in Saran जपारी naphi, is a smāll earthen pot used for asuring it, and जोराचा jorva, परिचा barariya, and जोराचा golvan in South Bhagalpur earthen vessels in which toddy is sold.
- 379. A toddy palm-tree is wit or with tar, and the juice is with tari. There are two kinds of this tree—the female one, which are fruit and is called within phallar, or in South Bhagalpur phalla, and the male one, which produces hairy flowers and is

called works baltar or works phultar, or in North-East Tirhut works phuldo, and in Saran works balika. A works khangra, when khangra is a young palm-tree. A work khangra, while hast Tirhut) or a works bahira (South-East Tirhut), with the banjhi sisua or work anathu (South-West Tirhut), is a palm-tree which does not produce juice; a work basanti is a tree which produces juice in spring, and work jethua, or in Saran work sal, one which does so in summer, while with ghaud is one which does so all the year round. In the east with ghaur is a tree which produces juice in the rainy season.

380. To cut a palm-tree for the juice is the chhewab.

### CHAPTER II. - THE BIRD-CATCHER.

- 381. The hird-catcher or facilitate mirsikar, or in Shahabad attent baheliya, uses a number of we nal or we nar, which are long shafts of bamboo tied together like a fishing rod, of which the top one is called went kampa, or in South Bhagalpur at khoncha. On this last is applied bird-lime (with lasa), and the bird-catcher cautiously approaches the bird, concealing himself behind a set tatti or screen of leaves and branches. When the bird is within distance it is struck with the limed went kampa, and thus caught. The wint chonga is the bamboo tube for keeping the bird-lime.
- 382. The wife phand or wifet phanda and winits chaugora are two kinds of nooses. with batiyari is a net used in the day-time, and wint chatar, one used at night for catching birds.

## CHAPTER III:-THE BARBER.

383. The barber is with hajdm, start thakur, with nai, with nau, or naua. In North East Tirbut he is also with naheri, and in Saran sometimes with osta. He has his with lokhar or the kishat, for this bat, or the with kishat, which is his instrument-bag. Also he has a wife chamauta or wife chamauti, or piece of thick leather used as a strop, a without mochna or tweezers, and a with chamair or with astura, or to the east we khur, or razor. His nail-parers are with naharni, but in Champaran they are with naharni, and with laharni in East

Tirhut. His whetstone is that silla or that silli. And kainchi is his scissors, which katori his brass cup for water, that darpan his looking-glass, and the lungi the cloth which he spreads in front of the person he is shaving, and on which the hairs fall.

### CHAPTER IV .- THE COUNTRY SURGEON.

- 384. The country surgeon is with jarrah, with jarah, or work hajam.
- 385. Among his instruments are matter jamura, a tooth-extractor, first chobha or nastar, a lancet for the arm, and great thunka, a lancet for the head.
- 386. For circumcision (उत्तर sunnat or चत-ना khatna) he has कानी jantri, चोड़ी ghori, or in South Bhagalpur चूँटा chūnta, which are nippers of bamboo, and उचार salāi, which is a bamboo needle for holding up the foreskin.

### CHAPTER V.-THE FARRIER.

- 387. The farrier or mustare nalband has the following appliances.
- 388. A ward mekhāri or angar kisbat, which is the bag in which his tools are carried, a get chhūri or curved knife, a guarat sumtarās or large curved knife, a guarat jambūr or pincers, a ta ret or file, a guarat bakha or with mārtaul or small but long hammer, a third doāli, or in South Bhagalpur agrat bakha, which is a leather for holding up the horse's hoof, a guarate pujmāl or hair string for tying the ear of a refractory horse, a guarate pujmāl or hair string and a guarat sumkatti or chisel for cutting the horse's hoof.

### CHAPTER VI.-THE WASHERMAN.

389. The wild dhobi or washerman uses a vest patha or pat, which is the washing-board, of which the support is in Shahabad that thehua or washe newnath. In South-West Tirhut it is

called चौची chauki, and, when made of stone, प्रथम pathal. His iron is द्यानियों istiri or (in North-East Tirhut) विस्तियों mistiri. His ironing cloth is देशम bethan, and his starch कथा kalap or कथा kalaph.

- 390. When the article to be washed is too heavy for him to lift up and dash upon the washing-board, he beats it with a mallet, called कुंगररा mungra or कुंगरी mungri, or (in Sāran) चाँचन dānsan, (in North-East Tirhut) चाँचा sonta, and in South-East Tirhut चाँची lāthi. In South-West Shahabad it is called करका kathka, and in South Bhagalpur चोचरवाँन dhobdāng. The clothes-line or drying-frame is सवाच tanāw. His bundle of clothes is बहुदा bakucha.
- 391. The act of beating the clothes is seed kundi, and to beat the clothes is ultra pitab, or ultra dhoël north of the Ganges, and bichharab (in Patna), and unichharab (in Gaya), and unichharab (in Shahabad), ultra khinohab (in South Bhagalpur), and unichharab or ultra phinchab (in South Munger and Shahabad).
- 392. South of the Ganges clothes which are well washed are निमाइ nimār, or in South Bhagalpur जीवर सार gobar jhār. In Champāran they are विचार nikchār. The half-washing given to new clothes is चमन्से khāmso, or in South Bhagalpur चांमन्सो khāmso. In Gaya the washing of a cloth after it has had patterns printed on it is विचार में bichharni.
- 393. The honesty of the washerman and his tenderness for the clothes committed to his care are not considered of much account in Bihār, and there are numerous proverbs coined at his expense, e.g. बोबी पर घोनी वर्षे. जब कपन्डा पर साब्ज पड़े dhobi par dhobi base, tab kapra par sabun pare, -no soap ever touches clothes unless many washermen live together (when owing to competition they wash well). Again, wifer an at fag निष फाड dhobik bāp ker kichhu nahiñ phāt,—nothing belonging to a washerman's father is ever torn by him (i.e. those are the only clothes about which he is careful). It is also a wise precaution, which according to Bihār ideas should universally be adopted, to disbelieve a washerman when he says the clothes are 'nearly' ready. A washerman's donkey is a bye-word, as in the proverb जहरदा के जह सीसर विस्ति, जीविया के नह दोषर परोचन, gadha ken na dosar gosainyan, dhobiya ken na dosar parohan, -an ass has only one master (a washerman), and the washerman has only one steed (a donkey). Again घोषी नाम द्राकी, दे तीनू प्रकारकी dhobi, nau, darji, i tinu algarji,—there are three careless people, the washerman, the barber, and the tailor.

### SUBDIVISION IX.

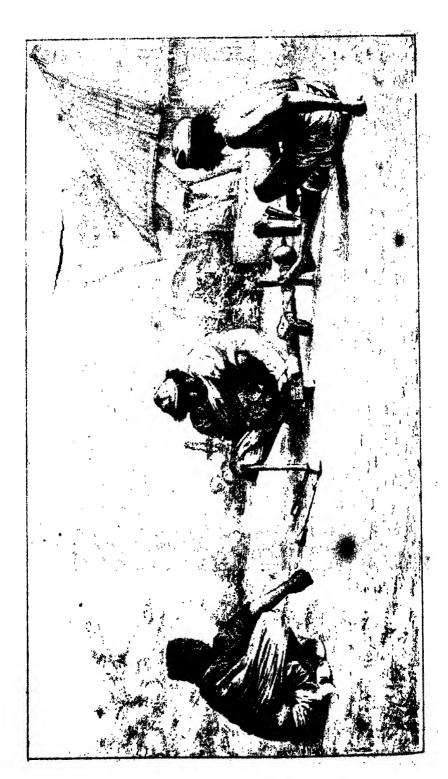
### TOOLS AND APPLIANCES USED BY COUNTRY ARTI-ZANS.

### CHAPTER I.-THE CARPENTER AND TURNER.

- 394. The carpenter is agent barki, or. in East Bihār optionally agent kamār. In South Bhagalpur he is also called agent maraiya. His workshop is ancestar kamarsāyar or agent barki khāna. A proverb about him is t accas nu adare maraiyar that are agent i buribak gām kamaitāh, janika rukhān na basula,—this fool (of a carpenter) would serve the village when he has neither chisel nor adze; said of one who undertakes to do a thing without possessing the means. He uses the following tools:—
- 395. The adze.—बद्धा basüla or, especially in South and West Bihār and South Bhagalpur, बद्धा basula. In South Munger it is बिह्मा basila. A similar tool is दक्षा tanga, टाँगा tānga, टाँगी tāngi, or देगारी tangāri. In North and East Bihār it is also called कुद्धारी kulhāri. This is a larger adze, and is used chiefly by sawyers (बर्ज्याच्या arkasiya or बाराइस ārākas) in squaring logs, and by carpenters for rough work or for cutting down trees.
- 396. The large saw.— ara, and south of the Ganges also arra. The small saw.— art āri. *
- 397. The large hammer.— पर्योदा hathaura, or in South Bhagalpur विचाद lihauar. The small hammer.— पर्योदी hathauri, भारतीय mārtaul, and in West Tirhut and south of the Ganges also पन ghan. In South Bhagalpur it is called परिचा mariya.
- 398. The street barma or street barman is a revolving awl or drill, worked with a bow and string, and used as a gimlet or centre-bit. The bow used with it is sutfil kamani, or in South-West Shahabad surger kamanak. The handle round which the string goes is gravel gulphi or god gulli. In South and East Tirhut the word is surged kulphi. In Gaya it is see math. The cap at the top, on which the palm of the hand rests to press the awl, is stell topi, the paila, even dabni, or the dabauta. The awl itself is street barma or street barman. The string is north of the Ganges street dotti, and south of it street dori or with joti, or in South-West Shahabad set jemwar.

- 399. The following are various kinds of chisels:-
  - (a) The was kachchak north of the Ganges, and the ward batari or ward batali south of the Ganges, is broad at the base and narrow at the point. In South Bhagalpur it is called war kajjak.
  - (b) The Tamba is a long chisel for making mortice holes.
  - (c) The चौरन्धा chaursa is broad and straight; another name in Gaya and Shahabad is बनाची batāsi.
  - (d) The term rukhān or term rukhāni is like the kachchak, but is larger and thicker, and is used for coarse work. It is also a generic term for all chisels.
  - (e) A small chisel with a rounded edge for making lines on wood is north of the Ganges নামৰ ব্যৱ তাৰে golak buruj khāb. South of the Ganges and in Sāran it is বিশ্বে girda or বাংকা বেশ gordār randa. In South Bhagalpur it is also তাৰিয়া kholiya.
- 400. Gouges are गोस्क golak, गोस्क golakh (Gaya), गोसा प्यानी gola rukhāni, or गोरान्द्रार प्यानी gordār rukhāni; other names are गोप gauch (South West Tirhut) and गिरानिक girmit (P gimlet), North-West Tirhut. A large gouge for heavy work, such as hollowing out ricemortars, is बाँक प्यानी bānk rukhāni. A square gouge is क्या प्यानी kachchak rukhāni.
- 401. The common plane is tranda, of which the blade is the phalli, or in Shahabad the phalsa, and the body for kunda. The wedge for holding the blade has various names, viz. north of the Ganges that khanti, and theki, or the chaili. South of the Ganges it is in Shahabad theki, or the chaili. South of the Ganges it is in Shahabad theki, or the chail. South of the Ganges it is in Shahabad theki, or the chail. South of the Ganges it is in Shahabad the khunti or the chail. South of the Ganges it is in Shahabad the packethi, and to the east the packethi, the chail packethi, and to the east the packethi, the chail packethi, and in South-West Shahabad. A plane with a fine blade is the saphi randa. The the daraj is a narrow plane for squaring the edges of boards.
  - 402. Grooving-planes. There are

    - (b) The surest galta is for cutting round grooves. In West Bihār and South Munger it is also called the khirchi or the sales hilli.



# TURNER (KHARĀDI) AT WOBK.

- (e) The আৰৌ বাৰ jhari ke randa or (north of the Ganges)
  বহাই palāun is a plane for making grooves for panelling.
- 403. The following are files :-
  - (a) tal reti is the common file.
  - (b) The file for sharpening saws is generally कारता katra. Local names are कारि katari in North-West Tirhut, कारती की katrohi in East Tirhut, तेष्क tephal in Gaya and Shahabad, तेषका tephalla in Sāran, and कवाची kanāsi in West Shahabad.
  - (c) ভাৰৰ sohan, or in East Tirhut ভাৰৰ sohen, is a coarse rasp.
  - (d) The चोराचा chorsa, or to the west चोराचा chaursa, is a broad file.
  - (e) The निमन्तीरिद nimgirid is a half-round polishing file. In South Bhagalpur it is मैनिरी maigiri.
  - (f) The বাঁৰে কৈ chauras reti, or in South Bhagalpur বাঁৰৰ কৈ chaupahal reti, is a square file.
- 404. The square, or gnomon, is बहास batām, सुनियाँ guniyān, or बहास chalta batām. The compasses are परावास parkāl. A blunt point for drawing lines is जनावस khatkas, or in South Bhagalpur कोरास्त korsūt. Sand-paper is बरेस कहा sares kanna, सरेस कामज sares kāgaj, or सरेस पता sares pattā. In South Bhagalpur it is सामो sāphi. The pincers for drawing nails are जन्द्रा jamhūra, जन्द्रा jamūra, or सहस्मी sanrsī. Glue is सरेस sares. पत्रम patthal, पश्च pathal, or सिस sil, is the grindstone. The block on which the man works is जीपा thīha, जेपा theha, or in South Bhagalpur दिया thiya, दिया thiha, or परवारे. parkattho. In Gaya and Champeran it is called परिचारा pariyātha.
- 405. The English auger is also used, and is called चवनगर augar, or in Tirhut गिरामिक girmit (? = gimlet).
- 406. A lathe is ware kharād, and the man who works it is warel kharād, a turner.

### CHAPTER II.—THE BLACKSMITH.

407. The blacksmith is with lohar generally, and in South-East Tirhut he is also start thakur or wat kamar. His smithy is wateract kamarsayar. In Saran it is also with loheari, and in South Bhagalpur it is wateract kamarsari or wat marai.

- 408. His anvil is faure nihāi or and nehāi; but in South-East Tirhut it is and lehāi, and in South Bhagalpur faure lihāi. This is fixed in a block called fau theha north of the Ganges, shar thiha in Shahabad, and in South Bhagalpur faur thiya, uses parkath, or affaure gariyās. In Patna and South Munger it is uter paretha or user parhattha, and in Gaya users pariyātha. In South-West Shahabad it is affac ānkuth. A well-known proverb about an anvil is use and affac ankuth. A well-known proverb about an anvil is use and affac ankuth the south has nothing on it, the blow falls on its head.
- 409. The unique ghanmudhi is the swage block or perforated anvil on which iron is placed when being pierced with holes, and with biri or are bir (east generally, Patna, and Gaya) or unit hanna (South Bhagalpur) is the round block of iron placed on this, also pierced with a hole. This latter is also used for making heads of nails, and another name for it is united chaprawan, united chaprawan, or united chaprawan.
- 410. The large hammer for welding is वन ghan; smaller than this is the चनीर hathaur or चनीरा hathaura; and smaller still the चनीरी hathauri or मरिया mariya.
- 411. The start jamhūra or start jamūra is a pair of pincers or tongs round at the tips; other names are usus gahua (Champāran, West Tirhut, and Patna), start sanrsi (Shahabad and South Bhagalpur), and start banguri (South-West Shahabad). Everywhere sanrsi is used for a pincer adapted for taking a hot piece of iron out of the fire, tightening nuts, &c. To the west the sugahi is a pair of horn or wooden pincers.
- 412. The iron poker for stirring the fire is north of the Ganges ankurha; in Gaya and Shahabad it is again ankura or again ankuri; and in South Bhagalpur ankura ankora or again onkra. North of the Ganges, to the west, it is also against kultūra; while in Patna, Gaya, and South Munger it is also against kultūra.
- 413. The cold chisel is and chheni, and the chisel for making holes in iron is alve topan, with a variant alvest topna in Patna and Gaya; another name is sumbha south of the Ganges or summa or sum summi north of the Ganges.
- 414. The fixed bellows is जाने bhathi, and also (south of the Ganges) जाने bhanthi. The hand-bellows is उपने duhanthi when worked with both hands, प्रवास ekhanthi when worked with one hand, and उपीया

supaua in South-West Shahabad. In the south-east it is also कड भाँची kath bhanthi. The end of the bellows pipe which goes into the fire is हुना mūra, सूनी mūri, or मुद्दिया muriya. In Sāran it is जेंद्वहर ankurha; in South Bhagalpur, मुझे mūrhi or पाचम sālak ; in Patna, मोपन्या mohkha ; and in South Munger, नोचन्द्री mokhri. The pipe itself is पुंच phunk; also north of the Ganges and to the west the chhunchhi or the chhunchchhi; and in Patna, Gaya, Saran, and East Tirhut Tint chonga, or in South Tirhut चाँनी chongi. The clay pipe over this is चारच aran or चरानी arni, or in South-East Tirhut चार तेर. In East Tirhut it is also महिन्स matiham, and in South-East Tirhut Agu metum. The wooden sides of the bellows are awar takhta; also in Patna, Gaya, and South-West Shahabad परस्ता patra. The leather sides are पसन्दा chamra; also चास cham (optionally south of the Ganges) and TE khāl in Champaran, Patna, and Gaya. The valve is upt pankha or upt pankhi; also (in Patna) unit pankhri. In South-East Tirhut and Champaran it is and gaddi. The pivot on which the pair of bellows works is after konrha north of the Ganges; also in North-West Tirhut \$3,507 sursa. South of the Ganges, to the west, it is ध्री dhûri, and जांकरा ankura to the east and also in Shahabad and Champaran. The pillars which support it are want khambha north of the Ganges and day khunta south of the Ganges and in South-East Tirhut. The upper iron bar is a set barenra or as barenri north of the Ganges. and west baretha in Patna and Gays. In Shahabad it is west benriya. in South Bhagalpur was danda, and in South-East Tirhut was danta. The lever which works the bellows is at chhip in the North Gangetic tract, and also west danta in Tirhut; south of the Ganges it is wis lath or wist latha, and in South-West Shahabad war danda. In South-West Shahabad a small bellows worked by both hands is में इच्चा भाषी menrarua bhānthi. A well-known saying about the bellows is तुस्ती चाच गरीन के चरि से सबस न जाय, सुचला चाम का पूक में सोच सबस पो जाय tulasi ah garīb ke hari señ sahal na jāy, muala chām kā phūnk señ loh bhasam ho jay, - O Tulsi! God cannot withstand the sigh of a poor man: the blowing of dead leather (in a bellows) reduces iron to ashes.

415. The street barma is a revolving awd or drill worked with a bow, said kamani, with a leather string, as at tasma. Sometimes a string is used instead of a bow, and this is called street doals or significant, or in South-West Shahabad street jemuar. The iron spike of the awl is north of the Ganges we have the dans in Shahabad, well dunti in Patna and Gaya, and well dandi again in the south-east.

- 416. The fixed vice is we bank or (in South Bhagalpur and South Munger) we bais (?=vice), and the hand-vice is was hath-kal or (in Patna and Gaya) where hanthkal. The two sides of the vice which grasp the iron are war palla; the screw is great musica, or in North. West Tirhut was kabla; and the socket for the screw to work in is welchhuchchhi, except in Shahabad, where it is affair chongina, and South Bhagalpur and Champaran, where it is affair chonga. The handle for turning the screw is north of the Ganges great musica or was chalauni. The latter name is also current in Shahabad, where in the south-west of the district we also have was hathkara or was danda. In South Bhagalpur it is any hātul or was hathha, and elsewhere it is was hathra. The spring is any all kamāni.
- 417. The tap and die for making screws is north of the Ganges with badiya or walls badiya; the latter is the usual form in North-East Tirhut. South of the Ganges, in Gaya and Shahabad, it is where badiya, and elsewhere where badhiya. In South Bhagalpur it is also called with dai (die). Of this the female screw is private kutka, the tightening screw with chutki, and the nut-maker was pechkas. Gange dhibri, or in Saran was kabla, is the nut of a screw.
- 418. The common files are रेनी reti, and the round files बोचन golak or गोचन golakh, and in South Bhagalpur बोच रेनी gol reti. The half-round file is निमन्गीरिट् nimgīrid, and the triangular file in Sāran निमन्दार tinphalla, in Champāran निरम्पन tirphāl, in Shahabad निरम्पन tirpahal, in Tirhut तेमन tephal, in Gaya नेपन्न tepahal, and elsewhere क्रियम्पन tinpahal or निरम्पन्न tirpahla.
- 419. The compasses are परावास parkal or क्यास kampas. The mould is साँचा sancha, and the vessel for cooling hot iron पविषया panihara in Champaran, West Tirhut, and Gaya; पविषया panihanda or पवास्था panhanda in Shahabad and South-East Tirhut; पापा chāha (also in South Munger), स्वेदी laberi, सावर lābar, or स्वेद laber also in South-East Tirhut; वार्ष naber or क्येर namer in North-East Tirhut; and क्येरी naberi in Tirhut generally. In South Bhagalpur it is प्राचाचा panchāha.

### CHAPTER III.-THE MASON OR BRICKLAYER.

- 420. The mason is called the raj, also the fifeth raj mistiri north of the Ganges, and the saje raj majur in South Bhagalpur and South Munger. In Saran and Champaran he is also wet thawas.
- 421. He uses the ward basuli, which is a pointed hammer for cutting bricks. In Shahabad wire lorh is an iron hammer for breaking stones

- 422. His trowels are (1) with karns, the largest, for mixing mortar; (2) was manifold or (in South-West Shababad) was adhla, a smaller one; and was nahla, or in Tirhut and the west was kalam or a was kalam, the smallest one, for polishing the surface of the mortar.
- when made of brickdust and lime; when made of mud it is factor gilawa, also are garra (Patna, Champaran, and North-East Tirhut), and gara (Saran and the east), and kado (South-West Tirhut), and de lei (South-West Shahabad).
- 424. The wooden beater for consolidating and smoothing plaster is fined mungri or and thapi. The the rol or the raul (South Munger, Patna, Saran, and Tirhut) is a long stick for smoothing the plaster Other names are used pahta or use pata, use paita, used pahta (South Munger), and used pharma in Gaya. In Shahabad and South Bhagalpur used chirna is a slip of wood used for the same purpose. The scoop for making moulding is north of the Ganges and to the east generally unever goldkas, and also to the east along gold. Elsewhere south of the Ganges and in Champaran it is used.
- 425. The plumb is जाजा eahul. The string is जात हों, and in Champaran and South-East Tirhut also जोरी dori; and the small pieces of wood fixed on the string are जाजा kenra or जाजा kainra in Tirhut, Shahabad, Patna, and Gaya, पणी patti in Saran and Champaran, जिल्लाकी phitkiri also in Champaran, East Tirhut, and South Munger, जिल्लाकी phirki in South-West Shahabad, and जिल्लाका phetkina in South Bhagalpur.
- 426. The square is नोजिया goniya, सुजिया guniya, or सुजियाँ guniyan to the west, also सांबन्धी sādhni in Patna, Gaya, and north of the Ganges generally, and रिवास rabbil in South-East Tirhut and North Bhagalpur. To the west and in Gaya it is also बहास batam.
- 427. The maul-stich is fact mistar in Patna, the North-West, and South Tirhut. In Tirhut, Gaya, and the west it is fact nistar. In South Bhagalpur it is all chip.
- 428. The whitewashing brush is कूंची kunchi; in South Muager it is also आराजी jharni.
- 429. The ladder is with sirhi, and the scaffolding with manch or warm machan to the north of the Ganges. South of the Ganges the latter is with park generally, or with path in Shahabad. In Champaran, Patna, and Gaya it is also with chali.

- 430. The नगार or नगाइ tagār (also नगाइ tagār in Tirhut) is the pot in which the mortar is mixed. The mortar-pot is नाइ nād or नाइ nānd. The mortar-trough when made of clay is बाँड़ी hānri, also बांडा koha in East Tirhut, and optionally प्रकार athra south of the Ganges. In South Bhagalpur it is also कहाइ karhāï. When made of wood it is कड़ार kathra or कड़ीनी kathauti.
- 431. The bricks are ground into powder (31:3 surkhi) by a crusher, देकी dhenki. or (in Champaran) साउ lath. Of this the pestle is सूचर musar or मुख्या musia, or (in South-East Tirbut) समाउ samath. The piece of wood on which the bricks are sometimes crushed is with okhri north of the Ganges; south of the Ganges it is जोबन्सा okhla in Gaya, जबन्ती ukhli in South Munger, सुरियाँ bhuriyan in Patna, and कॅड्रिया kanriya elsewhere. It is supported by pillars, which are get khunta or get khutta in East Tirhut and south of the Ganges. In the latter tract they are also called was khambha. In West Tirhut and Saran and Champaran they are जङ्गा jangha or खामा khāma. The axle on which it works is called अशीता akhauta in Patna and Saran, अधीता ukhauta in Gaya, and also will akhaila in Patna. In Champaran and North-West Tirhut it is सामा manjha, in South-West Tirhut विका killa, and in East Tirhut danta. Sometimes a hammer is used for breaking the bricks, which is called संगर्र mungra or (in Shahabad) प्यन्त्रश hathkutta, and in Saran will thapi.
- 432. The large earthen pot for water is चेला ghaila, also दिल्या thiliya in Gaya and जगरी gagri north of the Ganges. The smaller pot is चाँड़ी hānri or चंड़िया hanriya, also कोचा khoha in East Tirhut. South of the Ganges the pot with a spout for pouring water on the plaster is वचना badhna. In South Tirhut it is वचन badhan, and in South Bhagalpur कारी jhāri. North of the Ganges generally करावा karna or चंडिया kantiya is used, and in East Tirhut also चची phuchchi.

### CHAPTER IV .- THE GRAIN-PARCHER.

433. The grain-parcher is any kanu or mig kandu, with a variant mig a kandun in Champaran, Patna, and Gaya. In Champaran (optionally) and in South-West Shahabad he is called ning your, and north of the Ganges and to the south-east he is also known as a single bharbhūnja. Parched grain is wint bhūnja, or in Shahabad grain bhūnja. When it bursts in the parching it is called at a lawa or said phutha.

nother of the CHINE (DHENKI).



- 434. His parching-house is घोत्रसार ghonsār or घोत्रसारी ghonsār to the west, and also to the west of the North Gangetic tract, अन्नसरी bhansārī. In South-West Shahabad it is अर्स्सांच bharsārīn. The name कानसार kansār or किनसर kanisār is current in East Tirhut and to the east of the South Gangetic tract, including Patna and Gaya. In Tirhut it is also कानस्वारी kansārī.
- 435. The fireplace is पूर्वा chūlha in Tirhut and to the east of the South Gangetic tract, including Patna and Gaya; also भार bhār generally, and भगाप bhansār north of the Ganges and in Gaya, and घोनाचार. ghonsār in Saran. In South-West Shahabad it is भराषाँच bharsāin.
- 436. The place in front of the stove, on which the grain falls, is प्रदे paruī in Shahabad and पर्चा paruā in South Munger. In Patna and South-East Tirhut it is पौर paur; in Gaya, South Bhagalpur, and North-West Tirhut पौरी paurī; and in Sāran and Champāran पारी pāri. Another name more or less current north of the Ganges is चौतन्स chautra.
- 437. The earthen pot in which the grain is parched is खापड़ khāpar or चपड़ा khāpra when it is large with a wide mouth, and खपड़ी khāpri when it is smaller. The latter is also called north of the Ganges कुछा kunda or कूँड़ा kūnra, to the west, and नौजा taula to the east.
- 438. The iron spoon for taking out the hot sand is कलान्तुल kalchhul in Sāran and Champāran and South Munger, and कलान्तुला kalchhula in Patna and Gaya. In Shahabad it is कल्ल kaluchh or (in the south-west) कल्ल kalus. In South-East Tirhut it is स्राचित्र sarahiya. In South-East Bihār it is called उन्ने dabbu. When made of earth with a bamboo handle it is called उन्ने dhakni north of the Ganges and in South Munger, or सरावा sarwa in North-East Tirhut.
- 439. The flat wood stirrer is called द्विषा dabila to the west. In North Tirhut it is द्विषा dabiya, and in South-East Tirhut दाव dab, and in Gaya कुद्र kurūr. A kind of broom made of four or five reeds tied together is काद् jhāru (Patna and Gaya), मुंजानाडी bhunjnāthi or बोइन्सी borhni to the south-east, बढ़ानी barhni to the east generally, कराजा larna or खाइनि lārani in North-East Tirhut, विषानी chhipni in South-East Tirhut, and चलीनी chalauni north of the Ganges.
- 440. The sieve is चलानी chalmi generally, but चलाना chalma in South-West Shahabad and चालनि chālami in East Tirhut. To the west it is also चराना jharna, and also in South-East Tirhut सूप sūp.

- 441. The poker is street khorna or street khorni north of the Ganges and in South Bhagalpur and South Munger; elsewhere south of the Ganges it is street khorna or street khorni. In South-East Tirhut and Champāran it is street khornāthi.
- 442. The basket for the grain is north of the Ganges दोरा daura or दोरी dauri. South of the Ganges we have पटारी batri in Patna, मोनी mauni or मोबिया mauniya in Gaya and South Munger, भोंको bhaunki in Shahabad, and दिख्या daliya in Champāran and South Bhagalpur. In Champāran and Gaya the पत्रव्या satgharwa, and in South Munger the पाँद chānr, is an earthen vessel with seven or more divisions for various kinds of grain, and in South-East Tirhut a चढानी baithki is a similar one with four divisions, and पत्रा chhanna one with six. कोचा koha or कंडिया kantiya in North-East and South-West Tirhut, and कराना karwa in Champāran, are earthen pots for grain, and कराना kathra in Patna and Gaya, or कडीनी kathauti elsewhere south of the Ganges, is a wooden pan.
- 443. The grindstone is जाँना jānta or (in South-West Shahabad) जाँन jānt. Its axle is निजा killa or (in South-East Tirhut) की संही, and it is made to revolve by a handle, which is उपन्ता or उपन्हा hathra generally, and जूपा jūa to the west, also पायर in South-East Tirhut.
- 444. The wages in grain paid to the grain-parcher is भार bhār, or in South Bhagalpur भारो bhāro, as in the proverb जो जरि गेल, भार जा बायल की jau jari gel, bhār la bānhal chhi,—the grain-parcher has burnt my barley and has tied me up for his fee (adding insult to injury). The quantity of grain parched at one time is बानी ghāni.

### CHAPTER V.-THE BAKER.

- 445. The baker is generally नामः वाद nānbāi, with a local variant नगरम nanbāi in Shahabad. In Gaya he is नामस्य nanpaj. He is also called रोडीवासा rotīwāla. He is proverbially a rude fellow, and नामस्याद के विकास nanbāi ka khinga is popularly used to mean a stout rude fellow.
  - 446. He uses an oven, तन्द tanur or नेंद्र tandur.
- 447. His roasting-spit is south of the Ganges winkh, and elsewhere with sikh. In North-East Tirhut it is also with sink. This is fixed on supports, which are wat hichchha to the west of the North Gangetic tract and in Patna, and water with kawab dani in South-East

Tirbut, Shahabad, and South Bhagalpur. In Gaya they are was chakkas.

- 448. The boiling-pot is देगन्यों or डेगन्यों degchi. South of the Ganges and to the west it is also called प्रतीको patili when made of earthenware.
- 449. The cup is रिकावी rikābi, the saucer रिकावी rikābi or कडोरा katora, and the wooden spoon चोर doï, and also in East Tirhut चमच chamach or (to the west) चमच chammach.
- 450. The large wooden stirrer is called **ansat** kaphcha in North Bihār, sin doä in North-East Tirhut, and sint donya in South Tirhut. In Patna it is stat dābha, and elsewhere south of the Ganges and dabbu when made of iron, or ansatz kaphgir (west generally) when made of wood.
- 451. The cushion by which he places the cake on the side of the oven is रपोदा raphīda, or in North-East Tirhut नहीं gaddi. The इसन्तर्गना hushtagna is an iron bar hooked at the end, and the परन्ता arra an iron bar flattened at the end. They are used in taking cakes out of the oven. The one is held in one hand, and the other in the other. The two together are called जोड़ी jori, or in Champāran कार्यो kansi.
- 452. The instrument for making ornamental marks on pastry is north of the Ganges बाँचा sāncha; south of the Ganges it is चोकन chokan in Shahabad, चोकन्त्री chokni in Patna, and elsewhere चोका choka.
  - 453. The act and khurachni is an implement for cleaning vessels.

### CHAPTER VI.-THE CONFECTIONER.

- 454. The confectioner is द्वार haluāi in North, and द्वाराद haluāi in South Bihār. His fireplace is पूर्वा chūlha, and also in Champāran and South Munger अही bhatthi, of which the stoke-hole is मुंद munh, and also in Gaya and South-West Shahabad द्वार duār.
- 455. His open cauldron is कड़ारी karāhi generally, also कड़ारा karhāi or बाबा tāwa in Gaya. Of this the handles are उसकी danti, कड़ा kara, or कहा kanna, with a variant कड़िया kariya in South Munger.
- 456. The skimmer is well jharna in Patna, the north-west, and East Tirhut, well-r chanauta generally north of the Ganges, when pauna in the north-west, Tirhut, and south of the Ganges. In Patna it is

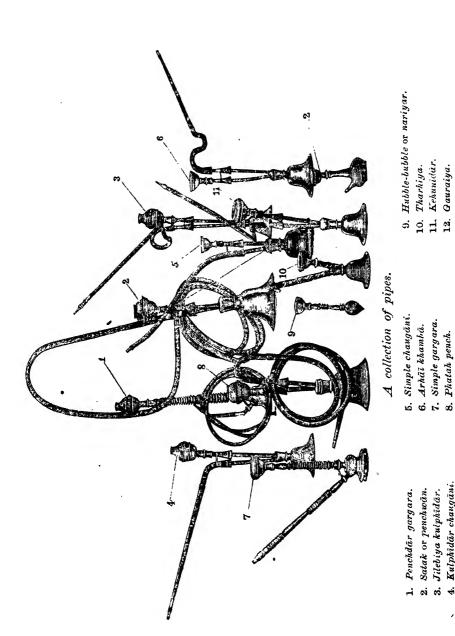
- also पौनिया pauniya, in South Bhagalpur पही chatti, and in Gaya, South Munger, and Sāran भाँकरा jhanjhra. The large stirrer is बेचीया keoncha, and the small stirrer चोजनी chholni. In Champāran and North Tirhut it is also खुरूपी khurpi, and in South Bhagalpur खुरूपनी khurchani.
- 457. The wooden rolling-pin is बेसन्मा belna, which is worked on a paste-board. This latter is called चक्का chakla when it is round, and चीको chauki or परन्ता patra when it is oblong. Other names are सखन्ता takhta (North-East Tirhut), पिदिया pirhiya (Gaya and South Bhagalpur), and पौड़ा pīrha (Gaya and South Munger). The pestle for beating the dough is दावा dāba, (South-West Shahabad) दावी dābi, or (North-East Tirhut) दाव dāb. Other names are पुरन्दम gurdam or मुम्ह musad (Champāran), प्रपट्टन daptan (Patna), and मुम्हरा mungra (South Bhagalpur).
- 458. The spoon is কল-জুল kalchhul or in North-East Tirhut কৰ্ম karuch. The brass ladle with a wooden handle for removing the sugar from one vessel to another is তুলু dabbu.
- 459. The wooden platter for sweets is गिरान्स girda north of the Ganges and in Shahabad, जीन-चा khoncha north of the Ganges and in Gaya and South Munger, जीन-चा khāncha in South Bhagalpur, and जीना khāncha or जारान्स dagarna in Patna and Gaya.
- 460. The brass salver is चारी thāri generally, with local variants चरिया thariya in Shahabad and East Tirhut and चास thāl in Champāran and East Tirhut. In Sāran and Tirhut it is also called जीपा chhīpa. The deep brass pan is परात parāt.
- 461. The sweetmeats are exposed on stands called नरीनी tarauni, local variants being नरीना tarauna in Champāran and South-East Tirhut and नरीनी taraini in Champāran. In South Bhagalpur they are ड बन्ती tekhti.
- 462. He has also a wooden basin, called कडारा kathra, कडावन kathwat, or कडोनी kathauti; a large ladle, जोरारी dohri; and a pair of scales, called generally नराजू tarāju, नराजुर tarjuï, or डेबीरी tekauri. It is also डबीरी takauri in Tirhut and the west, and जराजा narja in Champāran.
- 463. Eggs; के दोकान, दादा के फतेना haluai ke dokan, dada ke phateha, is a well-known proverb. A phateha is a feast in honour of the dead, at which sweetmeats are given away for nothing. When a person wants to get a thing for nothing, which he has no right to expect, the proverb, which means 'a confectioner's shop is not my grandfather's funeral feast,' is said to him.

### CHAPTER VII.-THE TOBACCO MANUFACTURER.

- 464. The tobacco-seller is तमाज्ञवाका tamāku-wāla, तमाज्ञवाका tamāku-wāla, तमाज्ञवाका tamāku-bāla. He uses a crushing-lever, डँकी dhenki, with a peg, मूसर mūsar, मुकरा musra, or समाउ samāth, fixed in it. It is supported on pillars, खुरा khūnta, खुरा khuntā, or (in the west) जङ्ग jangha or जिल्ला janghiya, by an axis-pin, किसा killa or बचीना akhauta. It falls on a hollow bed called बोचरी okhri or बावरी okhli, on which the tobacco is placed. When the crushed tobacco is being removed, the beam is supported by a forked stick, which is called टेकरनी tekni, टेकानी tekāni, or (in Shahabad) टेका theka or टकरना thakwa, or in Sāran टेकरना thekwa. In East Tirhut it is called टेकरनी thekni or बारानी algani, in Champāran खरानी argani, and in South Bhagalpur टेंगरना thengna or उपरक्षा uchkun. Sometimes a string, रखी rassi, is used for this purpose. An illustration of the similar crushing-lever used in pounding bricks will be found opposite § 431.
- 465. The fragments of tobacco are collected by a broom, भाइ jhāru or बड़नी barhni, which is also called क्यो kūnchi or क्या kūncha towards the west and खरन्दरा kharhara in Patna. The tobacco is sprinkled with water from a water-pot, called पनन्द्या panhanda, देंडिया hanriya, कड़ाही karāhi, पियाचा piyāla, मटन्क्ररी matkuri. In East Tirhut it is called खरना athrā.
- 466. The balls of manufactured tobacco are generally বিজ্ঞা pilanda or ঘাঁঘা dhōndha. Other names are জাছিয়া lohiya (Champāran), বাজা gola (Sāran and the East), ভাঁহা londa (South Munger and North-West Tirhut), জিলী litti in Patna and South Munger, and বিজ্ঞা pinda in Shahabad. তিকাৰী tikri are smaller balls.
- 467. In a tobacco shop the broad flat metal plates are, north of the Ganges, सेनी seni, and south of it बान-चा khāncha or बोन-चा khoncha. The tobacco-pots are भाँड़ा bhānra, चवचा charua, or चवर charui. The cloth covering the stand for the vessels is बवचा kharua, काँप jhāmp, or परन्दा parda, and the board on which the tobacco is mixed is पटना patra or पीड़ा pīrha. When of stone it is पटिचा patiya. Instead of पीड़ा pīrha, पिड़िया pirhiya or सवस्ता takhta may be used.
- 468. Among the spices used in manufacturing tobacco are जिटा सभी jata masi, बड़ीखा chharila, सुगन्द वाला sugand wāla, and सगन्द कोविला sugand kokila. Plain tobacco is called चादा sāda, that which is spiced or scented बंबीरा khambira or बसीरा khamīra, and a mixture of the two दोरस doras or दोरसा dornsa.

#### CHAPTER VIII.-THE PIPE-MAKER.

- 469. The maker of gurguris (vide post), who is a state hasera or brazier, uses a kind of lathe, which is called state kharād. Of this state khūnta, or in South Bhagalpur state kund, is the block which holds one end of the stem as it is being turned. In it is fixed an iron spike called ga gūnj. Used pharhi is a piece of iron which keeps the stem in its place as it is being turned, and state bagheli, or in South Bhagalpur state baghaila, is a piece of wood through a hole in which the stem is passed during the operation.
- 470. The workman uses the revolving awl, बरन्मा barma, moved by a bow, कमानी kamāni, of which the string is तसन्मा tasma, होरी dori, or जोती joti; a broad chisel, चौरन्मा chaursa, and a narrow gouge, बर्दन्नी naharni, or in South Bhagalpur नेइनी nehni; an adze, बस्ता basula; a small saw, चारी āri; a knife, क्री chhūri; and files, रेनी reti.
- 471. The maker of hubble-bubbles (मरियरन्यासा nariyarwāla) uses a रेनी reti (of which the point is पूर hūr), चारी āri, चरन्मा barma, and मज gaj.
  - 472. The pipe (sat hukka) is of various kinds—
    - (1) The निरंपर nariyar or निरंपा nariyal, which is the ordinary country hubble-bubble, in which the mouth is applied to the cocoanut itself. It is smoked principally by Hindus. Of this the stem bearing the bowl for burning the tobacco is नेता bota or नजा gatta. The short smoking-stem sometimes applied to the cocoanut, to save the hands from being blackened, is निगाने nigāli or नजा nar. The bowl is चिम्म chillam or चिम्म chilam. In South Bhagalpur पाँगी pongi is a temporary pipe made of the leaf of a tree. In South-West Shahabad द्यो dammi is a wooden pipe used by travellers, and द्यान्याचा damdamācha a pipe used by women.
    - 473. (2) The other kinds stand on the ground, and are more or less similar to each other in shape. The general name is useful gurguri when the smoking stem is joined to a tube rising from the brass bowl, and agraging gargara when it issues directly from the brass bowl. They are generally made of metal or earth. Another name is useful pharsi. The tube arrangement for carrying the



Simple chaugini.
 Arhäi khamhä.
 Simple gargara.
 Phatah pench.

4. Kulphidür chaugüni. Satak or penchwän.
 Jilebiya kulphidär.

bowl is the same in principle as in the cocoanut kind. The difference is in the smoking-stems (नेपा naicha).

### Of these there are-

- (a) इंडन्फोदार kulphīdār, that with joints (कुंडन्फो kulphi), allowing the mouth-piece to be moved in any direction. A कंडनीदार कुंडन्फो kchanidār kulphi is a joint like an elbow, and a जिंहे दिया कुंडन्फो jilebiya kulphi is a twisted joint.
- (b) আহাৰ অন্য arhāi khamha, that with two large bends and one small one.
- (c) डेड बचा derh khamha, that with two bends.
- (d) टहिया tharhiya or टहिया thariya, with a short straight stem—used only by poor Masalmāns.
- (e) चौगानी chaugāni, the simplest kind—used by the poor.
- (f) गौरेवा gauraiya, a simple kind, made of pottery.
- (y) जटक latak, which bends downwards.
- (h) इसेंद्रार chhalledar, ornamented with gold or silver rings (इस chhalla).
- (i) चटक satuk, पंचन्यान 'pechwān, पँचदार penchdār, or फत्र पँच phatah pench, are various kinds with the long, snake-like, flexible tube.

#### CHAPTER IX.—THE PIPE-STEM MAKER.

- 474. The pipe-stem maker (नेपाबन naichāband or नेपाबन naichāban) uses an awl, तज gaj or (in Patna) धींच sīnkh; a polishing-knife, हरी chhūri; a pair of scissors, केंची kainchi or मेकरराज mekrāf; a saw, चारी āri; and a pair of tweezers, मोचन्ना mochna. He also uses तरन्ता tarla or reed, and चीन chīn (Panicum miliaceum), a superior kind which comes from Sylhet.
- 475. For making the longest snake-like stems, पेचन्यान pechwān, a board (सवन्ता takhta), a string (डोरी dori), and a mould (काचिन kālib), are also used. The embroidered work on a pipe-stem is called in South Bhagalpur पानन्दार pāndār or मोरसा morassa. The silk work on it is सरावर sarāsar or भरावर bharāwat, the flowered silk work on it चुडी būti, the silver work on it चुडी būti, and the ornamental cloth work, उसाव बीन ulli chīn.

## CHAPTER X.-THE COTTON-CARDER.

- 476. The cotton-carder is gravif dhuniyan. For a description of him and his instruments, see § 334 and ff.
- 477. In addition may be mentioned the परःकन patkan, which is an instrument for teasing cotton. It is also called गन gaj in Tirhut, Shahabad, Gaya, and South Bhagalpur, and पारी sāti in Champāran and Shahabad. The परःका phatka or परःकी phatki is a simple bow used by village women for carding cotton.
- 478. A lion once met a cotton-carder in the forest, and seeing his carding-bow, mistook him for a hunter. To avoid being killed, the lion addressed him दाये घत्रदी कार्च वान, कराँ चने दिसी सुक्तान hāthe dhanuhi kānhe bān. kahān chale Dilli Sultān,—with bow in hand and arrow on shoulder, where is the emperor of Delhi going? The cotton-carder was equally frightened, but at length mustered courage to reply वन में रहाना वन में बाना बड़े के बात बड़े पहरचाना bun men rahna, ban men khāna. bare ke bāt bare pahchāna,—although he live and eat in the forest, only a gentleman can recognise a gentleman. These sayings have passed into proverbs, the meaning of which is obvious.

#### CHAPTER XI. -THE SHOE-MAKER.

- 479. The shoe-maker is मोची mochi or मोंची monchi in cities, and चमार chamār in the country. Among his tools are—
- 480. The thick iron pounder for joining the edges of two pieces of leather which have been previously smeared with paste, which is with lohiya north of the Ganges generally, also with lahaunga to the west of that tract, and fuzzat pitna in North-East Tirhut. In Patna, Gaya, and South-West Shahabad it is with lohanga, and in the rest of Shahabad and in South Bhagalpur it is with lehonga or transmittipna. In South Munger it is fenest singtha. The paste used is we lei, or to the south-east with lai. In South-East Tirhut it is with khari.
- 481. The knife for scraping the surface of the leather is in North-West Bihār रॉपी rāmpi or रापी rāpi. In Tirhut, the west, and South-East Bihār it is also खुरूपी khurpi. In Gaya it is खुरूपा khurpa, and ir Patna रूपा rampa.
- 482. The large awl is सनारी sutari, with a variant उनाकी sutali it Gaya. To the east it is also जोबर lokhar, in Champaran जांचार

lāhkhar, and in South-East Tirhut चार ar. The awl with a hook at the end for sewing is कटरानी katarni. In South Bhagalpur it is टकाना takna, and in South Munger टिप्रनी tipuni. The medium-sized awl is कॅनोचा manjhola or कॅनोची manjholi.

- 483. The horn for grease is term singa; south of the Gauges, it is also term singh.
- 484. The last is परन्मा pharma or (north of the Ganges and the South-East) कछन्त kalbūt; south of the Ganges it is also, in Gaya, कांचन्द्र kālbūd, and कछन्द्र kalbūd elsewhere.
- 485. The wedges of wood or leather fastened to the last to make it fit are परन्तारा partaha (also in South Munger), or परन्तारा partāha in Shahabad, and पन्ने pachchi in the south-west of the same district. In South Munger they are कपन्नेरी kapchheri.
- 486. The chisel for paring the edges of the sole is खुरापी khurpi The sort of wooden chisel for smoothing the surface of the leather is बँगा beinga to the east, बेऊँगा beinga north of the Ganges, or बेबॉगा beonga or बेबॉगी beongi elsewhere south of it. In South Bhagalpur it is पेसन pelan.
- 487. A wooden block for beating the leather is चाँसर hāmmar in South Munger and Gaya and चामँड ghāmanr in South-West Shahabad. The block on which the leather is out is पिहिचा pirhiya, or in South Bhagalpur दिवा silla, and in Saran पिरन्दी pirhi.

#### CHAPTER XII. -THE BLANKET-WEAVER,

- 488. The blanket-weaver is गड़ेड़ी gareri south of the Ganges and भेड़िडर bhenrihar north of the Ganges; also in East Tirhut महड़ marar.
- 489. He uses a simple loom. The stick on which the blanket is wound as it is woven is बोबर oknar south of the Ganges. North of the Ganges it is दिंजीय sinjoy, also विश्वो sinjo in Tirhut and कमन्दर kamhar in Champāran. The supports for this beam are खुद्दी khutti, खुँडी khūnti, or (in Gaya and East Tirhut) खुँडा, khūntā. In South-East Tirhut they are also गांची gāli and गंधी yalli or गांचियारी galiyāri in Champāran. In Shahabad the left support is called बराजी barni, and the right hand one गांची gāli. In the same district the support furthest in front of him is पूरा dhūra, and in Champāran पूर् dhūi.
- 490. The beam to which the web is fastened at the opposite end rom the weaver is जोरारी ohari. व ben or वेंच bento is a wooden imple-

ment which is passed between the thread of the web to drive tight each thread of the woof. In South-East Tirhut it is also called **Var** hatha.

- 491. The movable sticks placed at intervals to separate the threads of the web are सगन्धरी tagdhari in Tirhut and Sāran and वेसट bailat elsewhere, except वेसट bailath in Shahabad and वरत barat in Champāran.
- 492. The heddles, or implement for alternately raising and depressing the threads of the web, are चपन्नी chapni; also in South-West Tirbut खड़ी phatthi.
- 493. The wooden scraper for removing knots or excrescences from the thread is विद्योरना khikhorna or विद्योरनी khikhorni north of the Ganges, also विद्योरना khidhorna in Champāran. In Patna it is विद्योरना khilorna, and elsewhere south of the Ganges विद्यारना khilorna.
- 494. The thick iron needle is सूचा sūa, or in South Munger क्या sūj. The shuttle is सर्वा sargān in South Munger and north of the Ganges, and सर्भ serang or सर्भा seranga south of it.
- 495. In Sāran and South-West Tirhut the भाँकी bhānri is a thick bamboo which is placed between the two threads of the warp. In Champāran it is चाचन sāsat, in South-East Tirhut चाँचर sānsar, elsewhere south of the Ganges चाँचन sānsat, and elsewhere चाँगर chonga.

#### CHAPTER XIII.-THE FANCY SILK OR FRINGE-MAKER.

- 496. This man is called vasat patwa or vasatt pathera. In Saran he is called vasatt patheri.
- 497. He uses the anital katra or anital katla, a piece of wood with four holes, in which four threads are fixed for winding.
- 498. The wooden reel furnished with a handle is बढानी batni generally. The small wooden reel is बढ़ी anti or बर्च charakh. An optional local name is नही gatti in South-West Shahabad. नोची goli, or in Tirhut and South Munger पेयन pechak, is a ball of thread. The winding-stick is नोची tili in Patna, विचन belan in Shahabad, and चडाँद latāin in North-West Bihār.
- 499. His scissors are and kainchi. The coarse needle for smoothing roughnesses in thread is unit salaï, also and takua in East Tirhut, and and tekua in Champāran. The ivory smoother is unit mathaï,

or in Saran सडराना matharna. The large darning-needle is सूचा sua. The fine needle is सूदे sui, also ननःसुदिया nanmuhiya.

- 500. The iron hook with a ring which goes round the toe is अंतरा or अंतुना ankura, also अंतुना ankusa and अंतुना ankusi in Gaya and North-East Tirhut. This hook is supported on a stand called धून thūnu in Patna, योग thauna in Gaya, यका thalla in South-West Shahabad, योग dhauna in the rest of the district, and अंत thau to the east generally.
- 501. The drum off which the thread is wound is परेता pareta, परन्ता parta, or परन्ती parti in North-West Bihār. The bamboo frame on which the thread is wound is नटन्दा natwa or चटन्दा latwa. In Patna it is नटाइ natāi, and in Gaya and the South-East नटन्दा netwa.

#### CHAPTER XIV.—THE EMBROIDERER.

- 502. The embroiderer is जरादोज jardoj or (south of the Ganges) कारावी याजा kārchobiwāla, and he makes embroidery (कारावीयो kārchobi) on the कारावीय kārchob or embroidery-frame, on which the work is stretched. This frame is rectangular; and of the parallel pairs of sides, one pair is called (in Patna) समन्देर samser or (in Gaya and the west) समन्देरक samserak, and the other नीची tili in Patna, फरद pharad in Gaya and Sāran, and पड़ी patti in Shahabad.
- 503. The small needle is खर sūï, and the sewing-awl सनेमान sutemān north of the Ganges, सुनन्यान sutwān in Gaya and Shahabad, स्था sūa or बाह्र खर्र bari sūï in Patna, Gaya, and South Munger.

#### CHAPTER XV.-THE DYER.

- 504. The dyer is रॅगन्रेज rangrej, in opposition to the रॅगन्याज angsāj or painter. In North-West Bihār he is called रॅगन्रेजी rangreji.**
- 505. He uses a vat or pot sunk in the ground for his dyes. This s called north of the Ganges साट māt. In Patna it is साँट mānt, and to he east साट māth. In Shahabad it is साँड chhonr, and in the south-west of the district कुला kundu. In Gaya and East Tirhut it is कुड़ kūnr, and n South Bhagalpur and East Tirhut नोसी goli.

^{*} This word is often confounded with the word আন লৈ Angreji 'English;' nd in jest, or when speaking facetiously, the English in India are called লৈ লৈ angrej, or 'dyers.'

- 506. His half-round pot is ব্যানা athra or বাব nād north of the Ganges, in Shahabad, and South Munger. In South-East Tirhut and South Munger it is also called ক্ৰামী karāhi. In Patna and Gaya it is ক্ৰামা, and in South Bhagalpur ক্ৰমেছ karhāi.
- 507. The wooden filter-frame on which the cloth is hung like a bag with the dye inside is माँकी mānji or मही manji generally. In South-West Tirhut it is भिरुका mirla, in North-East Tirhut भोरी jhori, in Gaya माँभी mānjhi, and in South Bhagalpur चमस chammal. The string tied to the cloth is क्यम kasan, and the cloth with the dye inside it in South Munger and Patna क्यमारका phulgarna.
- 508. The stirring-stick for mixing the dyes is चडी dandi, or in South Munger चडा danta, in South Bhagalpur डेंचन्त्री tekhti, and in North-East Tirhut खरना larna.

#### CHAPTER XVI.-THE WOOD-PAINTER.

509. The wood-painter is ব্যান্ত rangeāj, as distinct from the ব্যান্ত rangrej or dyer. He uses two kinds of paints—one আৱাৰ astar, which is a paste made up with chalk and gum, and the other ব্যান্ত rogan, which is made up with resin and oil.

#### CHAPTER XVII.—THE TIN-MAN.

- 510. The tin-man (क्लार kalaigar) uses a bellows, called भाषी bhāthi south of the Ganges and in East Tirhut; elsewhere it is called कालानी dhaukni. Another name current south of the Ganges is एकः एक भाषी ekhatthu bhāthi. The two sticks used as handles are north of the Ganges and in South Munger क्यों hatthi or क्या hatthū, and south of it, and also in Tirhut, क्या danta. In South-East Tirhut they are also क्या hattha. The bamboo pipe is क्या chonga, also in North-West Tirhut naraua, in Gaya and Shahabad क्या विवाद narāūn, and in South Bhagalpur क्यों chongi.
- 511. The solder is रॉगा rānga, and the soldering-iron विद्या kaiya. He also uses cotton-wool, दर rui, and pincers, पराची sarsi or चंड्राची sanrsi. The दिकादा thikra or चोरिया khoriya is the flat tile for melting the solder.
- 512. The tin-cutter is केंची kainchi, and he also uses the small hammer, चर्चारी hathauri, and the compasses परकास parkāl. The tin-scraper is नेचनी nehni or संस्की lehni; also खुरस्की khurchuni in South Bhagalpur.

513. The सवन्ता sabra, सवन्ती sabri, or (in South Bhagalpur) श्रावस sabal, is a small kind of anvil, made of a bent piece of iron, with one end pointed and stuck in the ground.

#### CHAPTER XVIII.—THE JEWELLER.

- 514. The jeweller is चौनार sonār, or in Gaya चोनी soni. In Champāran and North-West Tirhut he is चौनागड़ आ चौनार songarhua sonār.
- 515. Amongst his implements are the tongs, which are चंद्र-सा saursa or मॅद्र-सी sanrsi.
- 516. The pincers have various names. Large pincers are चिमन्दा chimta in South-West Tirhut, also चेंद्रमा schuna generally to the west; सोदाना sohna to the east and in Gaya, and चेंद्रा chunta in Patna. Smaller ones are चिमन्दी chimti, संद्वानी schuni, सोदानी sohni, or चूंटी chunti. Another kind is महत्त्वा gahua, which are the large pincers. Nippers are महद्दे gahuü, or in South Bhagalpur महत्त्वी gahuli. The कार्युद्धी kaymuhīn are nippers twisted at the head for holding the crucible in the fire. These may also be called कार्युद्धी bagsanrsi in North-West Bihār and कार्युद्धी bagmuhīn in Tirhut and Champāran.
- 517. The असूरा jamura or असूरी jamuri are wire drawing-pincers, and the perforated wire plate is जम्मी jantri south of the Ganges, in North-West Bihār, and East Tirhut, जैंदी jaintri north of the Ganges generally, and जनरी jatri in Champāran and North-East Tirhut.
- 518. The iron needle-shaped tool for making links of chains is ইয়ুখা tekuli to the north-west, হয়ুখা takua to the east and south-west, ইয়ুখা tekua in Saran, Patna, and Gaya, and ইয়ুখা tekuri in South Bhagalpur.
- 519. The compasses are परःकास parkāl or कम्पास kampās, or in South-West Shahabad समाकी chalānki.
- 520. The chisel with a round knob for embossing circular ornamentation is बहुन्ती khalni, or in Tirhut कोइन्ती kholni.
- 521. The cold chisel is देनी chheni, and a smaller variety is कसम kaiam south of the Ganges.
- 522. The cutters are केंद्री kainchi, and also to the south, except Patna, करान्ती katarni.
- 523. Amongst hammers चर्चोरा or इयोदा hathaura is the largest. The medium-sized is मरिया or महिया mariya, with a variant मरेश mareya in North-East Tirhut; in Gaya it is महरानी matharni. The smallest

- is गोजन्सुचाँ golmuhān or गोजन्सुचाँ golmuhīn; another name is खोजन्मिरिया kholmariya in East Tirhut.
- 524. The small pointed anvil is उमादान samdān. The curved anvil is प्रकाश ekvāi, or in East Tirhut प्रकाश ekābe.
- 525. The bell-metal anvil sunk with several depressions for making repoussé work is कंद्रजा kansula in North-West Bihār, कंद्रजा kānsula in South Tirhut, कॉर्डजा kānsula in South Tirhut, कॉर्डजा kānsula in South Bhagalpur and South Munger.
- 526. The square-headed anvil is farts nihāi, or in Champāran and North-East Tirhut arry nehaë, and arrs nahāi in South-East Tirhut. In South Bhagalpur it is farts lihāi.
- 527. The anvil blocks sunk in the ground are चाचा chāha in Sāran and South-West Shahabad. In Champāran and West Tirhut they are देश theha. In Shahabad they are प्रकटा ektha. In Patna, Gaya, and Tirhut they are प्रकट parkath, and in South-East Tirhut also पिर्निवी piryithi.
  - 528. The blow-pipe is बक्तानार baknār, or in Sāran बक्तानस baknal.
- 529. The hollow cane for blowing up the fire is नरी nari, with local variants नारी nāri in Gaya, जारी lāri in North-East Tirhut and South Bhagalpur. In South-East Tirhut it is optionally क्षवादी phukāthi. The fireplace is जीवा angaitha north of the Ganges and जीवा angatha south of it. Another name for this last is जोराजी borsi. The fan for blowing up the fire is पक्षा pankha or पक्षी pankhi; also in South-West Shahabad it is जेनियाँ beniyān. In North-East Tirhut जही bhatti is the dry powdered earth used for cooling the hot metal.
- 530. The small clay crucible is चड़िया or चरिया yhariya. It is made of a mixture of clay and rags called in Shahabad कॅपन्रीड kampraut, and in Champaran कपन्रीट kapraut.
- 531. An ingot not beaten out is कामी kāmi, or in Gaya प्रकारा ekwāi. In Sāran it is यहा thakka, in Champāran and North-West Tirhut बहानी chhalki, South-East Tirhut गरी gaddi or बोक thak (also in South Munger), in South Bhagalpur चौक thauk, and in Tirhut generally except the north-west विकासी chhilki. A block of silver beaten out flat is बोराचा chaursa.
- 532. The iron ingot mould is परनापानी pargahni to the west and परनापानी parghani in Patna and Gaya. In East Tirhut it is डारा dhāra, in Sāran कम डारा kam dhāra, and in South Bhagalpur नासी nāli.

- 533. The moulds of various sizes into which metal is beaten are कट-किरा katkira north of the Ganges, कट-किरा kathkira south of it to the east, उसा thassa in Saran, and उथा thappa in Gaya and Shahabad. In Shahabad similar moulds are वस्त्वा bahka, स्वरिया laheriya, गोवन्य gokhlu (also in South Bhagalpur), and मोतिया motiya. To the west रस्टन्यार rahatwar is a mould in which round articles are beaten into shape, and गुंजररी gunjri is a similar smaller one. In the same tract पगर्भी उसा pagri thasa are milling moulds, such as those in which the edge is given to a rupee. These last are called in South Bhagalpur खोरा विश्वी khira bichchi, बाँच bānh, or पगर्भा pagra.
- 534. Pattern stamps for ornaments are डॉस thonsa in Shahabad, डासा thāsa in Gaya and South Bhagalpur, डॉस thāns in Patna, and डासा chhāpa in South-West Shahabad and South Munger.
- 535. The कटोरी katori is a box or cup for holding scraps of silver. In North-East Tirhut it is called दिवस dibiya, and in Tirhut and to the east चित्र siluha or रॅगेडरी rangehri.
- 536. The polishing-brush is बरींकी baraunchhi. In South-East Tirhut it is also called कुची kuchchi. The polishing stone is चोप-नी opni or पोत pot.
- 537. The touch-stone is कारी kasanti. A jeweller's wages is गहार garh कें

#### CHAPTER XIX.—THE LAPIDARY.

- 538. The lapidary is प्रांक hakkāk, or in South Bhagalpur मोपानी mohli lohār, and he uses a revolving grindstone or बान sān or in Shahabad प्रांग chakar sān, made of corundum powder and lac. The bow for turning this is कमाना kamāna or (to the west) कमानी kamāni. Its props are खंडा khuntu, देवाली dewāli, or प्रकाटा ektha. Its wooden axle is चाँचा sānkha in Patna and Gaya, खर् lattu in Shahabad, and क्रम kūn to the east.
- 539. The agate burnishers are बाँडा yhontu, and the round ones चिन्नी silli; the pincers, चूँडी chūnti in Tirhut, Patna, Gaya, and the east, चिन्नाडा chimta in Sāran, and चेडनी sehuni in Shahabad; the iron graver is चनाइ salāi; the cutters, देंची kainchi; the small hammer, च्योरी hathauri; the anvil, निचाइ nihāi; the pincers, चंड्नची sanrsi; and the revolving awl चिन्ना सान jilā sān or चर सान khar sān.

#### CHAPTER XX.—THE SEAL-MAKER.

- 540. The seal-maker is not moharkan, and he uses a machine called a was charakh, of which the principal portion is a revolving awl,
- 541. The hammer which he uses is मचानी mathni or मरिया mariya; the stone to which the metal to be engraved is fastened is देसा dhema; and the diamond pen is करम kalam.

#### CHAPTER XXI.—THE GOLD-WASHER.

- 542. The gold-washer is called नियरिया niyariya or नियारिया niyāriya north of the Ganges and in Patna; elsewhere south of the Ganges he is called चन-घोषा sandhoa, and South Bhagalpur नियार धोषा niyār dhoa.
- 543. He uses the कडरा kathra or wooden pan for washing the ashes of jewellers' shops. Another name current in Patna and Gaya is कडोनी kathauti. The ashes are नियारा niyāra or नेपारा neāra, and they are collected by a scraper, खुरापा khurpa, and a broom, जुनी kūnchi or खुरा mūtha. South of the Ganges the पद्धी pakhuri is an iron instrument for collecting the ashes.
- 544. His sifting-pan is see chhattan, or in Patna and Gaya
- 545. His bellows are भाषी bhāthi; his blow-pipe, बकानार baknār, or in Shahabad बकानस baknāl; and the earthen pipe of the vessel which remains in the fire, सुरावा susua north of the Ganges and स्था sūnsa south of it. In Sāran it is also नरीया naraua.
- 546. His pincers are चंद्राची sanrsi, or in North-West Tirhut चनाचा sansa; and the iron stirrer चाँच sānk north of the Ganges and चाँच sānkh south of it. Another name for the latter is चचाद salāi in North-West Bihār.
- 547. The earthen crucible is after or after ghariya, also stadio in Patna and Gaya and use adda in South Bhagalpur. These crucibles are of two kinds: the first only destroys the dirt, leaving all the metals behind, and is called useful baglauti. The second destroys all the baser metals left by the first, and leaves only the gold and silver untouched. It is called useful punhar.

#### CHAPTER XXII.—THE BRAZIER.

- 548. The brazier is डडेरा thathera, but in Shahabad he is also called करेरा kasera, which properly means a brass-founder. In North-East Tirhut he is डडेरि thatheri. He is famous for his powers of swindling, as in the proverb डडेरि डडेरि वर्डि वर्डेस क्षेत्र वर्डेस क्षेत्र क्षे
- 549. He uses the निराह nihāi or नेपाण nehāë, or anvil. In East Tirhut this is also called च्याण lehāe, and in Patna, Gaya, and South-West Shahabad प्रकार pathal. The प्रमाहान samdān is the pointed anvil, which is also called in Gaya and Shahabad प्रकार ekwāi. The प्रमाहा sabra or, in the south-east पानर sābar, is an anvil round at the top. The circular anvil for shaping the mouth of a vessel is प्रोक्षा chauka south of the Ganges and नगलामचा bagalbharua north of it. South of the Ganges the गोहिया geriya (Gaya) or द्वाही dugori (west) is a sort of wooden anvil or block. The गोही प्रवास goli sabri is a kind of anvil for pushing up any indentations. In South Bhagalpur it is called गोहासाद golsābar. The घराने kharue, or in Shahabad द्वारा dabtha, is a kind of anvil on which hollow vessels (गगरा gagra) are hammered out. It stands on the two-legged द्वाही dugori, also called घराड kharāt.
- 550. The cutters are केंद्री kainchi, also कान kāt in Gaya and North Tirhut.
- 551. The stirrers are—(a) for stirring solder, कैया kaiya south of the Ganges and पराद sarāi north of it; also स्रोपन lopan in East Tirhut: (b) the iron stirrer for mixing up the flux, पनन्देनी pandeni north of the Ganges and Gaya, पनेनी peneni in Shahabad, and पनन्कानी pankāthi (of wood) in South Bhagalpur.
- 552. The pincers are चनन्दी sansi or सँडाची sanrsi, also गडचा yahua; the file रेती reti, and the hammers चर्चरा hathaura or चर्चरी hathauri, also महत्त्वा mathna north of the Ganges and to the west, मरिचा mariya in East Tirhut, and चन ghan in North-East Tirhut.
- 553. The vessel for holding the flux, चौचागा sohāga or पाप्रक pāën, is कहोरी katori. In South Bhagalpur it is पनःवाद्या panwāla.
- 554. The bellows are भाषी bhāthi; the crucible, बहिया or घरिया ghariya; the tongs, पग-पी sansi; and the perforated cover for the crucible, चोचार ohār north of the Ganges, South Munger, and South-West Shahabad; also चाँच jhāmp in South-East Tirhut and South

Munger, भाषा jhampan or भाषाना jhampna in Patna and Gaya, विष्णाना chhipauna elsewhere in Shahabad, and करण्डार karhai or सुन्दन mundan to the east.

555. The mallet is मुँगन्दी mungri. The scales are नराजू tarāju or नराजू tarjāï. The polisher is बोखन्नी chholni or बेचन्नी lehni. In South Munger it is also नेचन्नी nehni.

#### CHAPTER XXIII, THE BRASS FOUNDER,

- 556. He is करेदा kasera, and in Gaya also तने का tamhera.
- 557. He uses moulds of various kinds, called साँचा sāncha, or in Shahabad कमन्दरना kandharna. His lathe is खराइ kharād, or in Shahabad and South-East Bihār हुन्द kund. His large pincers are सङ्ख्या sanrsa or समन्या sansā. His crucible घरिया ghariya, of which the mouth is सुँच munh. His broad chisel is चीरमा chaursa or चीरमी chaursi, also स्वानी lehni in Shahabad and देनी chheni in the south-west of the same district.

## CHAPTER XXIV.-THE BRASS BANGLE-MAKER.

- 558. The brass (काँचा kānsa) bangle-maker (उठेरी thatheri or उठेरा thatherar) makes बाँची bānhi, which are brass bangles worn by the lower classes. To the east they are called बतियो batisi, and in South Bhagalpur बन्नी basti. When a number of these are worn, those at each end are called बन ban or (South-East Tirhut) क्या कितियों kachrukhi and (Sāran) करारी katri. Of these the one highest up the arm is called बन्ना agua or बन्ना agela, and that nearest the hand, पहुंचा pachhua or पहेंचा pachhela.
- 559. He uses the following implements. Variants of the names already given in other chapters will not be repeated here:—
- 560. ने बाय nehāy, the anvil; च्योरी hathauri, the hammer; यं इंग्ली sanrsi, the pincers; रेती reti, the file; देनी chheni, the cold chisel; भाषी bhāthi, the bellows; घड़िया ghariya, the crucible; and ढाड़ा dhāra or घाँचा sāncha, the mould, in which बासी kāmi is the orifice through which the molten alloy is poured.

# CHAPTER XXV.—GLASS-MAKER AND GLASS BANGLE-MAKER.

561. These are the सीसा बर्गासा sisā dharewāla or glass-manufacturer; the सनियार manihār, who makes glass bangles; and the मुरिहार

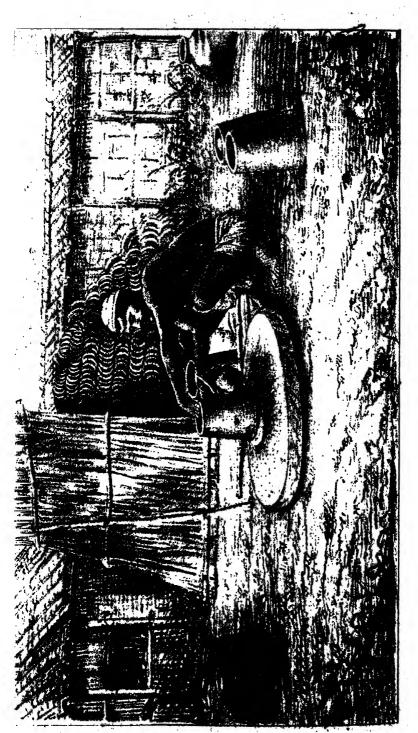
r पुड़िकार churihar or पुड़िका churiya, who makes the embossed rnaments on glass bangles.

- hrough which the melted glass is removed is बारा bāra north of the Ganges, भोषादा mohra in Shahabad, and elsewhere दरवाजा darwāja. This is closed by a cover called अञ्चलारी alwāri north of the Ganges and in South Munger, जोजावारी olwāri in South-West Shahabad, दपीना thapauna in Shahabad, and elsewhere अपन्नर jhapna.
- 563. The earthen crucible is दिक्कर thikker or दिकरा thikra generally, also कड़ाही karāhi in South-East Tirhut, and दिवन्स dibra in Patna and Shahabad.
- 564. The spoon for putting the glass into the crucible is करानुष karchhul. The iron hook for taking out the glass is जेन्दी ankuri or जेन्द्रा ankura in Patna and the west. जन्दा akura in South-East Tirhut, एवं पन्नदी hath akuri in South Tirhut, एवं पन्नदी hath akuri in South Bhagalpur, and बरानी पन्नदी dharm akuri in Champāran. The instrument for turning the glass in the crucible is पन्नदा akura generally, and करान्या kalchhula to the west.
- 565. The stone on which the ring is shaped is पत्यर patthar or पत्नस patthal north of the Ganges, and पयरी pathri south of it. The mould with a handle for shaping the bangle is कांसब्स kālbūt north of the Ganges, and कसन्बद kalbūt or साँचा sāncha south of it. The handle of this is सरस्वाधी sarkandi.
- 566. The long iron poker on which the glass is melted is ससान salāg; the flat iron instrument for shaping the ring is मासा māla; and the instrument for widening the ring to the required size वेधन्यार bedhwār in North-West Bihār, वधन्यारी badhwāri in Patna and South Tirhut, and वधराना badharna south of the Ganges. The कोटि वेधन्यारी chhoti bedhwārī, &c., or कोटि चन्नी chhoti akurī, is the instrument for taking the ring off the mould. In South Bhagalpur it is धरजी gharanni.
- 567. Other instruments used by the glass bangle-maker are दिखाउँ tikhthi, which are bamboo slips for holding the bangles in the fire; पनी panni, leaves of solder; जोबारों phokāthi (Gaya and South Bhagalpur), जोबों phonphi (West Tirhut and South-West Shahabad), or नरी nari (Patna, South Munger, Tirhut, and rest of Shahabad), which is the pipe for blowing up the fire; the जोवा angethā or जोवों angethi, which is the fireplace; and जुंदा chūnta (Shahabad), जुंदा chunta (Tirhut, Gaya, and South Munger), जुंदों chūnti (South Bhagalpur), or जिमादा chimta (generally), which is the pincers.

- 568. In Shahabad a famous maker of glass bangle ornaments was one Samman Churiya. It is said that when boys he and a king were pupils in the same school, and each promised that on his marriage he would show the other his wife. Samman married first, and did so. When, however, the king married, he refused to carry out the agreement and show his wife to Samman. The latter thereupon disguised himself as a female bangle-maker, and, gaining admission to the female apartments, sold some ornaments to the queen in the presence of the king, who praised the workmanship, saying the bangles were like ivory ones. Next day the king began to boast of his high character, and how he would never allow his wife to be seen by an outside man, when he was interrupted by Samman reciting the following verse, which showed the other how he had been made a fool of:--- एकान चुरिया ज गढ़ें चों इसी के द्ना, बाँच पकड़ि रस खेत हैं, बैठे देखें कन Samman Churiya û garhen jyoñ hasti ke dant, banh pakari ras let hain. baithe dekhen kant,-Samman the bangle-embosser makes bangles like ivory. He held her by the arm, and had the pleasure (of seeing her) while her husband was sitting by.
- 569. The stamp for making embossed ornaments on the bangle is साँचा sānchā (Tirhut and the south-east), करेजी कडाजा karaili katna (Champāran), उप्पा thappa (South-West Shahabad), and सापा chhāpa (Tirhut and elsewhere in Shahabad). In Champāran and South-West Tirhut सोबर togar is an instrument for embossing.

## CHAPTER XXVI.-THE LAC BANGLE-MAKER.

- 570. The lac (set lākh or set lāh) bangle-maker is set luher or set luhera. He uses a block of wood with a handle, on which the bangles are fitted, which is called set kund; a stat sāncha, which is a brass mould for embossing ornaments; and a sixel chubhki (and also to the east sweal chubhti), which is an ivory mould for embossing. His bamboo pipe for blowing the fire is set nāri or set nari, also satel phukāthi or set lāri in South Bhagalpur and satel phukhāthi in North-East Tirhut.
- 571. A bangle, whether of glass or lac, is पूरी chūri. The latter variety is also called प्राप्ती lahthi. Of these the thickest, or keeper, which prevents the thinner ones slipping over the hand, is कंगली kangni. The end bangles of a set are प्राप्ती and, or in South Bhagalpur प्राप्ती larna, and the intermediate ones grain surki, and in South Bhagalpur प्राप्ती pahta.



Potter (Kumhär) at 10mk

## CHAPTER XXVII.—THE POTTER.

- 572. The potter is generally called कुन्यार kumhār or कुन्या kumhra; in the east he is also called पण्डित pandit, and in Patna and Jaya also परन्यापत parjāpat. In Shahabad he is कुन्यार kumhār, and in the south-west of the district कोचार kohār. Concerning him there is a proverb, नियम पूते कुन्यारा, मिटिया नह से जाय चोर nichint sāte kumhra, matiya na le jāy chor,—the potter sleeps secure, for no one will steal clay. His wife is known as कुन्यान kumhaini or कुन्यान kumhain, as in the proverb तेनी वेस सा कुन्यान पत्ति teli bail la kumhaini satti,—for the sake of the oilman's ox, the potter's wife has become suttee, i.e., she interests herself in other people's affairs.
- 573. His wheel is चाक chāk, which is turned by a stick, चकेट chakaith, or in North-East Tirbut चरि chhari, on a peg, which is कीचा kīla or किया killa to the west, and खूँटी khūnti or खुडी khutti to the east. In South Bhagalpur it is, however, चिवा silla.
- 574. The implement for mixing the clay is जंबन्दर lehsur north of the Ganges and जवन्दर lahsur south of the Ganges generally. In Shahabad it is कटानी kutni, and in South Bhagalpur पाद्य patta.
- 575. The rammer for consolidating the clay is पौडन pītan when made of wood; when made of earthenware it is पौड़ pīnr north of the Ganges generally and in Shahabad, पिड़ीर pirhaur or पिंड्री pinrhuri in Patna, and पिंड्र pinrhur in Gaya. In South Bhagalpur it is पिनौरी pinanri. The clay is smoothed with an instrument called मिलौना milauna north of the Ganges and in South Munger, and also मजानी majni in South-East Tirhut and South Bhagalpur.
- 576. The moulds for shaping vessels are प्यारी athri generally. Other names are कटप्यारी kathathri in Patna and करण्यारी karthari in South Bhagalpur. The pots when ready are severed from the wheel by a string called देवन chhewan; also दोनी chhauni in Patna and देवनी chhewni to the east. In South Bhagalpur it is देवनी chhewno. Another name is क्यानी kamthi in North-West Tirhut. The प्रशास sancha or पाँचा sancha is a mould used in making tiles.
  - 577. The kiln is wrat āwa.
- 578. The clay-pit has many names, viz. चूचाँ chūān (South-West Tirhut), खँडार khanrār (Patna), मिटाबान matikhān (West Tirhut, Gaya, and Shahabad), मटाबा matkhana (South-West Shahabad and Tirhut), मटाबा matkhabha (South Bhagalpur), मटाबा matkor (Patna and South

Munger), and महियार matiyār (South-East Tirhut). Other names are कोचंड़-गर kohanrgar in Sāran and मटन्यस matkham in North-West Tirhut.

579. The earthen pot in which the water which the potter uses while making the vessel is kept is called चक्रवर chakwar in the northwest; also व्यव्यानी athwāni in North-West Tirhut, व्यव्यानी hathwāni in Gaya and South-East Tirhut, and कट्ट kadaith in South Munger. In South Bhagalpur it is चकाड़ी chakori or च्यव्यानी hathpāni.

## CHAPTER XXVIII.—THE FIREWORK-MAKER.

- 580. The firework-maker is আন্তর্গাল কার্ডটো or আন্তর্গাল atashbāj. In Shahabad and South Bhagalpur he is বেশ্বেরাল্যা rawāiswāla. In South Bhagalpur নাঁড়ী gonri is the name of a caste whose employment is to make fireworks.
- 581. He uses a grindstone, which is चन्नी chakki to the west and in South Bhagalpur, and जाँना jānta in Tirhut and to the east; also in East Tirhut चन्नन्दी chakri. In South-West Shahabad it is चिन sil.
- 582. His ramrod for ramming the powder is कलाबुद kalbul generally, with a variant कलाबुत kalābūt in South-West Shahabad. In the rest of Shahabad it is सुन्ता sumba, and in South-East Tirbut optionally सुन्ता sumba when made of iron. In Sāran it is नम gaj. The wooden roller used in making a Roman candle is चोन्ना kholakra, and in South Bhagalpur also चोन्ना kholni.
- 583. His saw is चारी āri; his knife, द्वरी chhūri. A flat heavy one is बाँकी bānki in Sāran and Champāran, बाँक bānk in Shahabad, दाव dāb in Tirhut, and दिव्या dabiya also in the north-east of the same district. His awl is बरन्मा barma, and his file is रेसी reti.
- 584. His wooden platter is asset kathra to the west, water athra in Tirhut, Gaya, and South-West Shahabad, asian kathauti or asia kathaut in Patna, Gaya, and East Tirhut, and assets karhai in South Bhagalpur.
  - 585. Among the fireworks which he makes are—
    - (a) The hand Catherine wheel, and charkhi, and that which is mounted on a pole, and chakkar, the radhe chakkar (South-East Tirhut), or ancient chakarban (Shahabad).

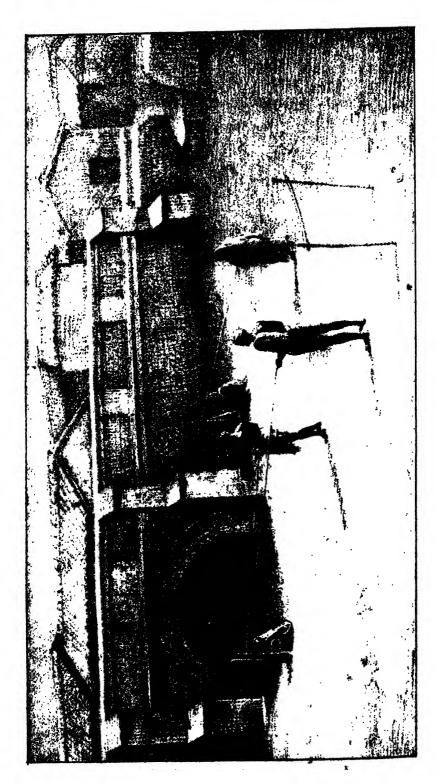
Of these, the pipes in which the powder is placed are बाख nāl, or to the east खाड lāl or खाडा lāla, and in South Munger बादा nāla. The pipe in which the axle works is also called बाख nāl, &c., as above; also पुषी pulli in South-West Shahabad, कुछापी kulphi in South Bhagalpur, and in South-East Tirhut द्वियाची daniyāli. The axle itself is सकरी makri or छुडी chhuchchhi north of the Ganges generally, and also फॉफी phonphi to the west. The spokes and rim of the wheel are बॉचा dhāncha to the west or बंबरी dhanchri in Sāran, उन्ह thāt in Tirhut, सहरी marri in South Munger, and बंदरा mentra in South Bhagalpur.

- (b) There are various kinds of bombs: amongst them are सुचमा bhuchampa or सुचमा bhuchappa (north of the Ganges) or सुई चमा bhuin champa (south of it), जनार anar (generally), जिल्हा kulhiya (north of the Ganges) or जीकी lauki (east generally), बमन्गोजा bamgola (generally) or गोजा gola (Champaran and North-East Tirhut), नड़ाका turāka (south of the Ganges), नाच पाल nās pāl (generally), द्विचा dāntua and तोरना torna (Shahabad). A long kind of bomb is north of the Ganges चड़का chahka.
- (c) The balloon is ঘ্ৰমে petāra south of the Ganges, and ঘ্ৰাহ্য petārha or মাখামা gobāra north of the Ganges, to the west. In North-East Tirhut it is ভ্ৰমে ঘ্ৰাহ্য urtā petārha, and in South-East Tirhut ভ্ৰম্ম ঘ্ৰাহ্য uran petārha.
- (d) The rocket is इवाद hawāi or अग्रन्सान नारा asmān tāra; also क्यो chhari in North-West Tirhut. In South-West Shahabad, Sāran, and Champāran बान bān, and in North-East Tirhut जङ्गी बान jangi bān, is a species of rocket.
- (e) The Roman candle is महन्तानी mahtābi generally, also दस्ती dasti north of the Ganges and मझर gallar in Shahabad and East Tirhut.
- (f) Other fireworks are महन्तान mahtāb, खजूर khajūr, विका kilā (a miniature fort, of which the bastions are बुरन्जी burji), गञ्च सितारा ganj sitāra, कदम गाच kadam gāchh, चादर पड़ाबेदार chādar parākedār, सादा चादर sāda chādar, चादर chādar or (East Tirhut) सीसन के उडी sausan ke tatti, चाँद चरन्की chānd charkhi, पडेबाज patebāj, किरिन kirin or

(North-East Tirhut) किरिन चक्कर kirin chakkar, कुकूनर chhuchhundar (West Tirhut and South-West Shahabad), असेबी jalebi (South-West Shahabad), मुरन्ता murra or सुरन्दा murha (South-West Shahabad and Gaya), चन्दर कडा chandar kala (South West Shahabad), पहाका parāka or (South-West Shahabad) uzter patākha (Chinese crackers), यूदा murha, दीपक dipak, जूदी juhi, रसन्पास raspāl (Sāran and Champaran), बरन्दाना ardana (East Tirhut), देव deb or देव deo (a flying monster), नटःवाज natbāj or स्तत देव lurat deb (fighting monsters), केत बान kait ban (a round rocket), भारत्मी गोला phārsi gola, दही सीलू फर tatti tilu phar (south of the Ganges), धन चक्कर ghan chakkar (south of the Ganges), सोर चक्कर mor chakkar (south of the Ganges), सोर बाज mor baj (south of the Ganges), पचरकी pancharkhi (Shahabad), चौताना chautana (Shahabad), सजार बीन hajār bin (Shahabad), चीघडा chaughara (Shahabad), अल्ब huluk (Shahabad), and बनासा butäsu (Patua), which is also called चनारी angari in Shahabad. In South Bhagalpur सौकी lauki and पड्का paduka have been noted.

#### CHAPTER XXIX.—THE BOOKBINDER.

- 586. The bookbinder is in North-West Bihār इफन्दरी daphdari, and in East Tirhut इफन्दरी daphtari. In South-East Tirhut he is also called कामन्त्री kāgji. South of the Ganges he is जिल्लाइन्यू jildband, or in Shahabad जिल्लाइन्यू jildgar.
- 587. His screw-press is चिक्का sikanja. Another kind of press is मकरी makri. The wooden boards for putting between the books in the screwpress are नकता takhta or (in Patna and South Bhagalpur) नकती takhti. In Shahabad and North-East Tirhut they are प्राप्ता jutting; in South-East Tirhut, पिदिया pirhiya; and in South-East and North-West Tirhut, निकास्तरका nishkarda.
- 588. The paper-cutter is ব্ৰাংকী katarni, or (in Champāran) থাই pārh or বাই bārh. The scissors are কবি kainchi, or in North Bihār also ভ্ৰাংকা mekrāj.
- 589. The iron mallet is उचीरी hathauri or मार्गीच mārtaul, and the awl द्वार sūa north of the Ganges generally and in Shahabad and South Bhagalpur, द्वारी surākhi in Patna, द्वारी sulākhi in Gaya,



A Native Rope Walk.

- री sutari north of the Ganges, and टेक्स tekua optionally in Southt Tirhut. The needle is स्तर suï.
- 590. The embossing-wheel, which is an instrument with a small olving wheel for embossing the binding, is फिरःकी phirki in th-West Bihār and South-East Tirhut, चक्की chakki in Tirhut Patna, चक्कर chakkar in Gaya and South Bhagalpur, and chakka in Shahabad. Other dies for embossing are फूच phūl optionally in Champāran and Tirhut) उपा thappa; also भाजर jhālar, जीरा janjīra, and रोस्की dosūti.
- 591. The cutter for paring edges is भामा jhāma north of the ages and Patna, and चोचन sohan elsewhere. A file for the same pose is रेनी reti.
- 592. The wooden tool for smoothing the binding is चलेच sales rruption of English 'slice'). It is also called fa tilli or नी जी tili, in East Tirhut कान्ची kanchi.
- 593. The leather-scraper is खुरन्पी khurpi, also north of the nges विकास chhilni. पत्वर putthar is the flat stone on which the ther is scraped.

#### CHAPTER XXX.—THE ROPE-TWISTER.

- 594. The rope-twister is कञ्चर kunjar in North-West Bihār and iya, and जॉद chāin in West Tirhut. In Shahabad and Gaya he is ज्यादा rasbanta. The art of rope-twisting is जटनाइ batnāi.
- 595. His rope-twisting implement is called चिर्नी ghirni or चिर्नि irnaī, also घड़ी ghari in South-West Tirhut. Of this the भौराकारी aunrhali is a flat stone with a hook, to which the rope is fastened as is being twisted; sometimes a peg, खूँडो khūnti, is used for this purpose. he board or bamboo fixed in the ground and perforated with holes, by nich the strands, खर lar, pass is called गड़ाड़ी garāri north of the anges, गरारी garāri in Patna, घरनी gharri in Gaya, and घरनी ghirni in hahabad. The strands are fixed to the ends of pegs, बेसन belan, which volve in these holes.
  - 596. The string used to move the machine is factor ghirna.
- 597. When cables and thick ropes are made, an instrument called 10rth of the Ganges) was a set hattha charak and (south of the Ganges) in matha is used. This is a grooved block, in the grooves of which 10 strands are fixed to secure uniformity in the twisting. A man holds in his hands, and carries it forward as the strands are twisted.

598. A simpler kind of machine is called **eve** charakh or **ever** charkhi. It consists of only a bent wooden handle, **ever** dandi, and a perforated board. The strands are fastened at one end to the handle, and the other ends are twisted by hand.

#### CHAPTER XXXI.—THE WEAVER'S BRUSH-MAKER.

- 599. The weaver's brush-maker is called কুঁখাৰ kunchbandhwa. The brush is called কুঁখা kūnchi, কুঁখ kūnch, &c. (See Chapter on Weaving.)
- 600. He uses the चाँचा sāncha, which are two moulds for keeping the brush in order while it is being prepared. He beats the brush with a टोकन्स thokna; and he has a flat piece of wood called पटन्दी patri for keeping the bristles in order.

#### CHAPTER XXXII.-THE BOW-MAKER.

601. A bow is कमान kamān, or in North-East Tirhut कमन्दा kamtha, and its maker is कमनन्गर kamangar. He has no special implements.

## CHAPTER XXXIII.—THE WEAPON-CLEANER.

602. The चिक्किनार sikilgar or arms-cleaner uses a रूटा randa, or in North-East Tirhut आस jhām, which is a kind of plane for cleaning off rust; a युषो gulli, a piece of hard stone for a similar purpose; कुरन kurun, a kind of stone powder. He also uses a चिंचीटा singhauta or polishing-horn, a सरक्षों maskali or iron instrument, and गरी gaddi or thick cloth, both used for varnishing.

## DIVISION II.

## DOMESTIC APPLIANCES AND UTENSILS.

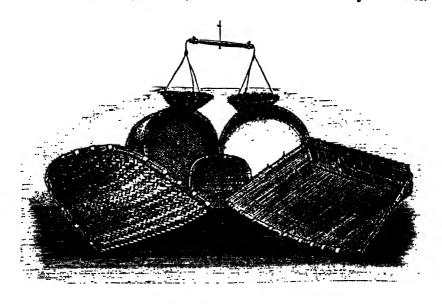
#### SUBDIVISION 1.

## PLIANCES USED IN THE PREPARATION OF FOOD.

## CHAPTER I.—SIEVES.

- 603. The winnowing-sieve is स्प sūp or कोलन्स्प kolsūp. The ner is also used for sifting grains of various sizes. It is made of s. The latter is used for winnowing only, and is woven of bamboo. They are both oblong in shape, and have a low wall round e sides, called in East Tirhut महन्स marra. Other names are कोनिया ya (North-East Tirhut) and समन्त dagra (see § 47) in Gaya, mpāran, and North-West Tirhut.
- 604. The चल्लानी chalni, or (North-East Tirhut) चालिन chālani, is oven sieve for sifting bran from flour, as in the proverb concerning attravagant man, कीन पुरुषक भेलक गाय, चालिन ले दुषावे जाय kon ukhak bhelāhuñ gāy, chālani lai duhāwe jāy,—of what man have I ome the cow: he has brought a sieve into which to milk me. win, चालिन दुषल सूप के, जिनका पुष्पर गोट हेंद् chālani tūsal sūp keñ, ka sahasar got chhed,—the sieve, which had a thousand holes, ared at the winnowing-basket, i.e. the pot called the kettle black.
- 605. The चिद्यान chilwan, or in Sāran, Patna, and Gaya चिन्नीं क nunj or चिन्नीं द chilaund, and in South Munger चिन्नीन chilaun, is a l of sieve used for catching fish, and also (according to Crooke) in North-Western Provinces for straining sugar-cane juice. Other les are चारची ārsi or जड़ा jangha, both used in South Bhagalpur, the latter in North-East Tirhut and the former in Sāran.
- 606. The ব্যালা chalna is a sieve for cleaning grain. Other names কলো jharna south of the Ganges, নকেই tarchhi in Champāran gurchalna (North-East Tirhut).
- 607. The चाँगी angi or चाँगिया angiya is a cloth-bottomed sieve for ing fine flour. It is called चाँगी hangi in Gaya and कपराधूर

kapardhūr optionally north of the Ganges. In Azamgarh, in the North-Western Provinces, चाँची anghi is a leather sieve with very fine holes.



	Tarāju.	
Chalni.	Supuli.	Angi.
Kolsūp.		Sũp.

## CHAPTER II .- THE PEDAL FOR HUSKING GRAIN.

- 608. The whole apparatus, and also the movable beam, is called Adhenki or (in Shahabad) देवा dhenka or देवा dheka and (in Saran) देवा dhenkul.
- 609. The pillars on which the beam rests are जाड़ा jangha in North and East Bihār, जाँचा jāngha in Shahabad, and जाँच्या janghiya in North-West Tirhut. In Tirhut and the west they are khūnta, in Patna and Gaya खुद्धा khūnta, and in South Bhagalpur and South Munger खुद्धा khūtta. In South-West Shahabad they are called जार khambha.
- 610. The peg in the beam which crushes the rice is use musar to the south and west, and guest musra in Tirhut, Patna, Shahabad, and South Bhagalpur. In Saran another name is usual paharua. In South Munger, Patna, and Gaya it is usual samath or usual samauli, and usual samaua is the iron ferule round its tip.

- 611. The axle is generally पद्योत akhaut or पद्योता akhauta, local names being माँचा mānjha in Champāran and North-East Tirhut, च्यानी belni in North-West Tirhut, and उपरा danda also in North-East Tirhut. In Patna it is रगन्ती ranki, in South Bhagalpur प्रावसार askalāi, and in South-West Shahabad सारा sāra.
- 612. The hollow wooden bed in which the rice is crushed is बोबनी okhri north of the Ganges, or as a local variant बोबन okhar in North-East Tirhut and the north-west. बोबनी okhri and सुन्ते bhundo occur also in South Bhagalpur, and उन्तरी ukhri in South Munger. In South-West Shahabad it is कॉन्डी kānri, in the rest of the district सिन्ना bhuriya, in Gaya सुन्नोखनी bhuiñokhri, and in Patna सुन्नो bhunrki or चुन्ही yhundi. The stick used for stirring the grain while it is being pounded is in Gaya and South Bhagalpur उन्नारा thekra.
- 613. The hand-rail which the workman grasps is अख्य astham north of the Ganges and यमन्त्री thamni or अखन्त्रनी algani in South Bhagalpur. It is टॅगन्नी tangni in Patna and South Munger, also अङ्ग्नी arāni in South Munger, and इत्यो hatthi in Gaya. In Shahabad a rope (रस्ती rassi) is used.
- 614. The pedal or place where the worker rests his foot is पोइर paudar in Patna and Shahabad, पक्षर pachhahar or पकाड़ pachhār in Sāran and Champāran, प्रकृत puchhra in North-East Tirhut, पर्वारा pachhaura in South-West Shahabad, पद्या pachhua in South Munger, प्रक्रिया puchhiya in South Bhagalpur, पाँची ponchhi in Gaya, and समस्मरा latmara in North-West Tirhut. The pit into which this is depressed is in Gaya नारक्पोरी gorpauri, and in South Bhagalpur निर्मा yatto.
- 615. This implement is practically the same as the lever for breaking bricks, for an illustration of which see § 431.

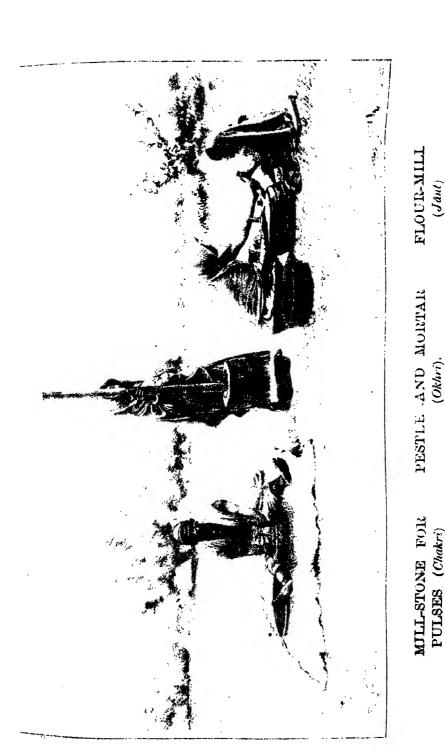
## CHAPTER III.—THE PESTLE AND MORTAR USED FOR HUSK-ING GRAIN.

- 616. The mortar is बोखरी okhri generally, local variants being घोषर okhar in North-East Tirhut and Shahabad, बोखरा okhra in South-West Shahabad, and बोखरी okhli in Gaya. In Patna an optional name is कुरुद्द kurdan, and in Saran धनःकुद्दी dhankutti.
- 617. The pestle is THT musar to the west and THIS samath to the east. In Patna both words are used.

618. The iron ferule at the bottom of the pestle to prevent it splitting is साम sam, or in Patna, Gaya, and the south-east समीदा samaua, and in Saran optionally समियाँ samiyañ.

#### CHAPTER IV.-THE HAND GRINDING-MILL.

- 619. This is known as जाँत jānt, जाँग jantua, or जाँसा jānta. This is worked by two women. The smaller kind, used for breaking pulses and worked by one person, is इकरी chakri generally, or इक्षे chakki to the west. North of the Ganges चकुला chakula is a medium-sized one.
- 620. The upper stone is उपन्रीटा upranta, and the lower stone नरीटा taranta, and also south of the Ganges नजीटा talanta.
- 621. The handle of the large variety is सायह hāthar in South-East Tirhut, and elsewhere स्थारा or स्थाइ। hathra. In Shahabad it is जूसा jūa. That of the smaller variety is खूँटी khūnti. The axle is किया killa or (in South-East Tirhut) कीस kil; and the feeding channel, सुँच munh generally; also गासी gāli in Shahabad, Gaya, and South Bhagalpur, गसी galli in Sāran and North-East Tirhut, गसीसी galausi in Champāran, साँच khoũichh or गसियारी galiyāri in North-West Tirhut, गसी gatto in South Bhagalpur, and घड़िया ghariya in South-West Tirhut.
- 622. The handful of grain poured into the mill is भौत jhīnk, local variants being भौता jhīnka in Sāran, Patna, and South-East Tirhut, and भौता jhīka in South-East Bihar. In South Bhagalpur it is also वयो lappo.
- 623. The wooden seat on which the woman sits is पौड़ा pirha. A local variant is पौड़ी pirhi or (East) पिड़िया pirhiya. A similar mud seat is वैसन्त्री baisni, or in Champaran वैदन्ती baithni, and in South-East Tirhut वैसन baisan. In South Munger it is वैसन्त्रा baiska, and in South Bhagalpur वैसन्त्रो baisko.
- 624. To roughen the stone with a chisel is north of the Ganges टाँगन tāngab or ट्रंगन tūngab to the west and कूटन kūtab to the east. South of the Ganges, to the west, it is कूटन जारन kūtal jāib, and to the east कुटाएन kutāëb or क्टिट्न kūtideb. The man who does this is called जान-कुटा jantkutta. He uses a chisel, चेनी chheni, and a hammer, चपुना thapua or नवीरी hathāuri.
- 625. The act or profession of grinding corn is पिषान  $p^{isan}$ , पिषानक pisuan, or in Champaran पिषाना pisua, and in Gaya पिषाद  $p^{isan}$ ,



PESTLE AND MORTAR (Okha). Lithiby Hem Chundal Ghosal, Student, Goot School of Art Castwide MILL-STONE FOR PULSES (Chakri)

Printed by Abdeel Rehim Cout School of A.,

and its wages पिसार pisāi. A well-known proverb is जारकी पटाना जोड़ा एक जाँत, jāichhi patna jora ek jānt,—'I go to Patna for a pair of mill-stones,' something like a Newcastle-man going to London to look for coals.

## CHAPTER V.—THE GRINDSTONE FOR SPICES.

- 626. This is विकायड silvat or विकीड silaut, and in Saran विजायड silāwat; also in Patna, Gaya, and South-East Tirhut चीज sīl. To the south-east it is also पाटी pāti.
- 627. The stone roller used with it is जोड़ा lorha to the west and जोड़ी lorhi to the east. In Patna another name is बहा batta.

#### CHAPTER VI.-THE ROLLER FOR MAKING PASTE.

- 628. The rolling-pin is बेजन्ता belna; also बेजन belan in Patna.
- 629. The pasteboard is चौकी chauki to the west and चकः en chakla to the east. In South-East Tirbut another name is चकोला chakola, in Gaya चौकः en chaukla, and in North-East Tirbut चक chak or चाक chāk.
- 630. The dry flour sprinkled on the board to prevent the paste sticking is परच्यन parthan generally, with local variants परच्यनी parthani to the west and पञ्चन palethan in Patna and South Munger. In South-East Tirhut it is optionally called साझा māra.

#### SUBDIVISION II.

#### DOMESTIC FURNITURE.

#### CHAPTER I.-STOOLS.

- 631. Stools made of bamboo or reeds are भोंदा monrha when large, and भोंदिया monrhiya when small.
- 632. When made with a woven twine seat, a wooden framework, and four legs, they are called দৰিখা machiya. Another name is দৰীকা machola, current in Champaran.
- 633. When it has three legs, it is called तिपाद tipāi north of the Ganges, and तिपाद tepāi or तिपाद tepāi south of it. In Shahabad a three-legged stool is called मेंच mench.

- 634. A wooden stool is, according to size, पौदा pirha (large), पौदी pirhi or पिदि pirhi (smaller), and पिदिचा pirhiya (smallest).
- 635. The wooden platform for sitting, sleeping, or bathing is, when large, तखतन्योच takhatpos, and when small पटन्या patra. चौको chauki is used for both large and small kinds.

#### CHAPTER II.-THE BED AND COT.

- 636. A bed or cot is चाट khāt, खटिया khātiya, or पस्क palang. When an ordinary bed, it is specially called चार-पार chārpāi or चरनार chārpāi or चरनार chārpāi, and when a cot, खटोसा khātola or खटोसी khātoli; also in South. East Tirhut खड़चा khātula. Another name is पसँगिया palangiya or पसँगरी palangri in Shahabad and South Munger; another name is समाधा sajea or देनिया sejiya, which is used principally in poetry.
- 637. The pillow is निक्या takiya or तकेया takea, also ग्रेक्स gerna in East Tirhut and चिद्रानी or चिद्रानी sirhāni in Tirhut and the west. The bolster is बाजीय bālīs, बिज्ञा balista, or (in South-West Shahabad) विज्ञा bilasta. The side bolsters are बगःश्वी निक्या bagli takiya, and the heavy thick bolster for resting the back against is मगःगद masnad or गौ निक्या gau takiya. The bed clothes are विज्ञाचीन bichhāon, विज्ञान bichhauna, or गैडन getam. The mattress or its equivalent is नोमक tosak. In Tirhut चौद्याचीन ochhāön or चौद्याचा ochhauna are the bed clothes over the body. A patchwork quilt, &c., worn by the poorer orders is गुद्धा gendra, (also in Champāran and to the east) खुँचा khendhra, or चौद्धानी sojni in South Bhagalpur, Patna, and Gaya, खुँचा khendhra, or चौद्धानी sojni in Saran and West Tirhut, खुँदारा lendra in Shahabad, and खुद्धा gudra or चेद्धा lewa to the west generally. In South Bhagalpur it is भौद्धारा bhothra. See also § 731.
- 638. The legs of the bed are view paua, view paya, or view pawa. The side pieces are view pati or ver patti generally, also view past in Tirhut and South Bhagalpur. The end pieces are ver chūr or ver chūl. The head of the bed is veriew sirhāna or veriew sirhāni north of the Ganges, also veriew murthāri in North Tirhut and veriew sirma in North-East Tirhut. South of the Ganges it is veriew sirhāna (Shahabad also veriew sirhān) or veriew murthāri, also veriew sirhāna in South Bhagalpur. The foot of the bed is veriew gorthāri or veriew gorthariya. In Shahabad it is veriew gortār, and in Sāran veriew gorthāri; also veriew gontāri north of the Ganges generally and in South-West Shahabad, veriew pathauni in South-East

पदाना pathāna in North-East Tirhut. South of the Ganges we find optionally पैताना paitāna in Shahabad and Patna, पौताना pautāna (also in South Munger) or पोचानी pothāni in Gaya, and पौचाना pauthāna in South Munger.

639. The network at the bottom is farraz binawat or farra bināi, or in East Tirhut बोराइ ghorāi. In Patna and Gaya it is बीनन binan or विकीट binaut, in Shahabad विकास binaw, and घोरन ghoran in South Bhagalpur and South Munger. When this is made of one string, the bed is said to be प्रकारविधा chhadhiya; of two strings. दोवधिया dobadhiya; of four strings, चौवधिया chaubadhiya (west); and of six strings, waster chhabadhiya. In South Bhagalpur the words प्रकारिया ekgotiya, दुगोडिया dugotiya, घरागोटिया chargotiya, and बगोटिया chhagotiya are used. In South Munger they are varianter ekjoriya, &c. The strings at the bottom by which the netting can be tightened at pleasure are चौराचन orchan or चौरादवानी ordawāni in Tirhut and the west. In Saran and Patna they are चोर-चन orchan or चोद-बाइन odwain. In the east they are with aranch. Other local names are winder onchan in South-West Shahabad, चोदादन odain in Gaya, चदैन्यादन ardwain to the east, बोदान odan in South Munger, and बाध badh or नतान gatan in North-East Tirhut. The thick rope at the foot to which the netting is tied is सिधन्यानी sidhwāni in the north-west; also माँची mānhi in Champāran. In South-East Tirhut it is अञ्चलकार ajwain. In Patna it is मार्च main, in Gaya सेचार mear, in South Munger माइन māin, and in South Bhagalpur बान ban or मैन main. Elsewhere it is also called चौरन्द्वानी ordawani. The string tied to the side as the netting is being made is a var barua in the north-west and south. In Tirhut and the east generally it is चोका ojha, or in South Bhagalpur also जमीचा jamaua. When the netting is finished this string becomes useless, and villagers believe that if it be thrown across the door of a house the members of that house will quarrel amongst themselves. The सोग soy or सोक sok are the large spaces in the netting along the frame of the bed.

## CHAPTER III.—THE WEIGHING-SCALES.

640. The large fixed scales are বাৰত rātal, local variants being বাৰত rātul in Shahabad and বাৰল rātan in North-East Tirhut. In South Bhagalpur they are ৰাজ্য kānta, which elsewhere means the small scales. Another name in the same place is মন্ত্ৰাহা mankānta. The small scales are ৰাজ্য tarāju, local variants being ৰাজ্য tarjūi

in the north-west, नरज्जू tarju in East Tirhut and South Munger, and नरज्जू पा tarjūa in South Bhagalpur. Other names are काँडा kānta and sकीरी takauri in the west and Patna and Gaya, and परिवासी pariyāni in Patna and Gaya, which principally refer to goldsmith's scales. In South Bhagalpur नृज tūl is a weaver's scale for weighing thread or cotton.

- 641. The pans of the scale are पसन्ता or (in Patna and Gaya) पसन्दा palra. In South Bhagalpur they are also called स्वानी dalni or पका pulla.
- 642. The strings of the scale are called तन्नी tanni (except in the east), a local variant being नानी tāni in Gaya. In the east they are जोनी joti or (in South Munger) जोना jota. In Patna optional names are जोरी dori and नाम bādha.
- 643. The weights are बटाखरा batkhara or बाड bāt. The make-weight put into one scale to make the balance true is पर्चा pasangha, local variants being (East Tirhut) पाउँच pāsangh and (Patna, Gaya, and South Bhagalpur) पर्चा pasanga. In Patna and Gaya and South Munger it is also called धारा dhāra.
- 644. The beam of the scales is चडी dandi. In the south-east the beam of a jeweller's scale is निमी nitti or निमी nikti. The indicator is सर süï.
- 645. A false balance is नेवस newat or नेवस्ता newta to the west and in Gaya. In East Tirhut it is देवस lewat, and in Champaran नवस्ता nawta. In South-West Shahabad it is जीवत jiyat or जीता jita, and so also in Gaya and South Munger. In Patna and Gaya it is क्ष्याना jhukta, and in South Bhagalpur जीती joti.

#### CHAPTER IV.—NETS.

646. A small fisherman's net is जान jal or जानी jali, and a जानाम mahajal is one of a larger size. North of the Ganges and in Shahabad a जान kurail is a net fixed in the water with six sticks and worked by one man. In-South Bhagalpur it is करें kharail. A similar net with three sticks is विचारी bisāri north of the Ganges and in South Munger; also विचारी bisri in Champāran, and विचार bisār in Champaran, Gaya, and South-East Tirhut. In North-East Tirhut, however, it is called कार्यार khansāri, and in South Bhagalpur वीचा chaundha. A casting-net is क्वेड phekail in Patna, Gaya, and Saran, क्षेप khep to the west, and क्वेड जान क्षेप mana jāl in Tirhut and South Munger; also

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in North-East Tirhut start khapiyar. In South Bhagalpur it is was pheka. The iron or earthen sink-balls attached to it are a seas batiwan and assess batwan to the west, and all paunri in North-West Tirhut. In South Bhagalpur they are भौडिया bhontiya. A net attached to two poles and worked by two fishermen is sigl donri in Patna, Gava. and the west, and tre donr in Champaran. Other fishing-nets are धनेजी ghanaili and पचन्दा pasra to the west, and गिर्नित्र girgira, a small variety, used in Gaya and the south-east. In the same district and in Champaran with oka is a bag dragged through the water for catching fish. In Champaran and North-East Tirhut zry tāni, in Shahabad टाप tāp, and in South Bhagalpur परनी arsi, is a kind of bamboo fish-net, and nin ganj or nin ganji is a horn-shaped basket for catching fish. The man who works the last is called agree In this connection may be mentioned a fish-trap used in gaireah. Gaya called fault chilaund (see, however, § 605). Fish caught in this are kept in a pit, called TITT apa. A kind of pit used for catching fish is called in Gaya use pharka. A net for catching birds is धनी qhani north of the Ganges; also फान phan or फानी phani in Champaran and Tirhut, and uter phanda in Shahabad. South of the Ganges the बहियारी batiyari is a net used in the daytime, and बानर chātar one used at night for catching birds.

- 647. North of the Ganges the भोजा jhola or भोजो jholi is a net used by cartmen for feeding bullocks. To the west it is भोरो jhori, and elsewhere south of the Ganges जजा jalla. जाना jāla is a net for carrying grass. A local variant is जजा jalla in Sāran and South Munger. In South Bhagalpur it is कपार kapāi.
- 648. To the west (including Patna and Gaya), and in Tirhut, रिकार sikhar is a net for hanging up pots, &c., in a house. Other names are भौका sinka (Patna and Gaya), भौका sika (Sāran, Champāran, and the east generally), and चौक sik also in North-West and South-East Tirhut. भाजी khānji in North-East Tirhut is a net for holding fruit.
- 649. The stick or rope for hanging up clothes is अराजेनी argeni in Sāran, Champāran, Patna, and North-East Tirhut, अराजे argani in Shahabad and Tirhut, अराजे asgani in Tirhut (optionally), Shahabad, Patna, and Gaya, and रेगानी regni in Shahabad. Other names are रंगाना tangna in Patna, Gaya, and South Munger, रंगानी tangni or दीनी dauni in Patna and South Bhagalpur, and जियमा jiyata in

- Shahabad. A frame used for the same purpose is zavet thatri to the west and wavet chhatri in North-West Tirhut.
- 650. A cord net for carrying goods on the head is succeeding jalkhari in West Tirhut and to the north-west, and succeeding jāli in Shahabad, South Munger, and Tirhut. In the south-east it is succeeding jalla.
- 651. The net used by bearers with the sling pole (वर्षो bahangi or, in North-East Tirhut, वर्षित bahinga) is generally विकास sikhar, but सोका sika in the south-east, विका sika in Gaya, and सीक sik (optionally) in North-West and South-East Tirhut.

# CHAPTER V.—THE PAD USED FOR SUPPORTING WATER-POTS &c., ON A WOMAN'S HEAD.

652. This is विशा bittha, वीटा bitha, or बीटो bitho to the west and in West Tirhut. In Patna, Gaya, and the south-east it is नेटो netho or नेहचा nethua. Another name is गॅड्डा genrua to the west and in Gaya and South Munger, गॅड्डी genruli in Patna and Gaya, and गॅड्डी genruri in Tirhut. Another name (only noted north of the Ganges) is विद्या binriya in Champāran, विद्यो binrri (a small kind) in Sāran, बेडिंग binro in East Tirhut, and विद्या binrua in Tirhut generally; yet another name is उत्तरी lajuri in South-West Shahabad.

## CHAPTER VI.-THE STICK.

- Other names are six laur (north of the Ganges) or wist lāur to the west, and uses satka north of the Ganges. The butt end of this is thura north of the Ganges and in Patna, state hurra in Shahabad and the south-east, sat huttha in Gaya, and nits goa in South Munger optionally.
- 654. चौंदा sonta or चोदा sota is a stout short stick. It is also called चढा danta, and in Champāran चर्चेदा datauka. A thin stick is च्यो chhari, and to the west, including Patna and Gaya, नोजी goji. Other names are चादम chhākan in Champāran and North-West Tirhut and चवन्नी chhakni in South Bhagalpur. A thick walking-stick is चाँग dāng, and also, to the west, ज्यादा labda, and a similar one, used principally by old or lame men, is च्यानी thenghuni. This last is also called चाँगी thegunri in Champāran and West Tirhut, ज्या theng or च्यानी thenguni in Shahabad, and च्या thenga in the south-west of the

same district. In South Bhagalpur it is उँगन्नी thengni, and elsewhere हैं गी thengi. चेपाची besākhi is a crutch. In Shahabad प्रत्कन patkan is a walking-stick. A piece of split bamboo used as a stick is प्राप्त phattha, प्रश्ती phatthi, or फराडी pharāthi. It is also called चेपापश्च bansphatta or चेपापडा bansphenta in Patna and Gaya, and बनी batti in the south-east. A heavy stick is बाँग bong, or to the north-west बनर बाँग bajar bong.

655. The following Hindi lines in praise of the stick are very popular in Shahabad, a district famous for its club-men:

काठी ऐसी चीज है सदा राखिये सङ्गः । मदी नार खगाच जस्न तहाँ बचाची खड़ा ॥ तहाँ बचाचो खड़ा अपट कृतो को नार। दुरजन दावागीर उस को नसक आर॥ कहा गिरधर अबि राय सिख भेजिये पाती। कमर हिये तरवार हाथ में सिये साठि॥

Lāthi aisi chīj hai sada rākhiye sang, Nadi nār agāh jal tahān bachāo ang. Tahān bachāo ang jhapat kutto ko mār, Durjan dāwāgīr us ko masak jhār. Kah Girdhar kabi rāy likh bhejiye pāti, Kamar liye tarwār, hāth men liye lāthi.

A stick is the kind of thing you should always have with you:

If the water in a river is too deep, you can save yourself by it.

You can also at once save yourself by hitting dogs with it.

And if you meet a wicked enemy you can dust (lit. trans.) his head with it.

Saith Girdhar, the prince of poets, write a letter Telling him to wear a sword in his belt, but to carry a club in his hand.

## CHAPTER VII.-BOXES.

656. North of the Ganges चतुष sanukh or (in Sāran and South Munger) पद्ध sandukh is an ordinary box. South of the Ganges it is पद्ध sanduk, and in Patna and Shahabad पद्ध sanuk. A small box is कार्नार kantor or बाक्स bākas (box). South of the Ganges it is पद्धानी sandukchi or पद्धानी sanukchi, the latter chiefly in Shahabad and the extreme east. पौता pauta or पौती pauti, or (in South

- Bhagalpur) पाँको paunti, is a little box made of bamboo slips, and कोना mona (Champāran) or नीनी maunni are similar ones made of straw or of bamboo slips.
- 657. पेटाइन petārha or पेटाइने petārhi, and also south of the Ganges पेटाइन petāra or पेटाइने petāri, is a light travelling box or basket for clothes, &c., carried by a man on a sling bamboo, as in the proverb बाक्स बाद में पेटाइ भारी thākal barad keñ petār bhāri,—for a tired bullock even a basket is too heavy. Other names are प्राची sakhāri in South-East Tirhut and भाषी jhāmpi south of the Ganges and in Champāran. The sling bamboo is called बाँगी bahangi, or in North-East Tirhut बाँगा bahinga; also द्वारा suila in Champāran and North-West Tirhut, and धिकापटा sikpatai in East Tirhut.
- 658. The Essay dibiya is a small box for jewelry or other valuables. In Patna and Gaya it is say dibba, and in Saran also say diba.
- 659. The मुनीटी chunauti is a box for carrying the lime ( पून chūn or मुझा chunna) used with betel. In Champāran and North-West Tirhut it is called मुजन्मा chunha.
- 660. The box in two parts for holding betel, &c., is पमन्तद्दा panbatta or बेस्ट्या belahra. Local names are पनीडी panauti (Shahabad), पमन्तद्दी panbatti (Champāran and South-East Tirhut), बेस्ट्यो belahri (Patna and Gaya), and विरुद्धा birhara (Champāran and East Tirhut).
- 661. The box in which the चवन्डम abtan, or cosmetic which is rubbed on the bride at a wedding, is kept is चोची doki in Shahabad, and चोगिना sogila or मन-चोगिना sansogila in the south-east. Elsewhere it is माना māla, &c. See below.
- 662. The box used by women for carrying red lead is विभोता sindhora when large, and भीवा kiya when small. The box in which they carry the vermilion which they put on the parting of their hair is रंगनी ingrauti or विभोते kiyauri. It is also भिंगते hingori in North-East Tirhut and उपन्ते sapri in South-East Tirhut.
- 663. A माचा māla, मसामा malwa, or मचिया maliya is a box for holding oil. It is also called मसामी malsi in North-East Tirhut, मसामा telhanda in Patna and Gaya, and मसामा telbhānra in Shahabad.

## CHAPTER VIII.—METAL VESSELS USED IN COOKING AND ORDINARY DOMESTIC PURPOSES.

664. The vessels ordinarily used by Hindus are as follow:-

तसः tasla or तसः स्वा taslawa, made of brass (पौतर pitar), a round vessel used for boiling rice. About two sers of rice can be cooked in it.*

- 665. तरान्द्री tasli, a similar vessel of smaller size. In Shahabad it is called तीसी tauli.
- 666. बहुचा batua or बहु battu, a vessel made of alloy (फूल phūl, व्यान्त kaskut, or (Gaya) भरिष bharith). This is used for cooking rice, and about a ser of rice can be cooked in it. It is comparatively higher and narrower than the वस्ता tasla.
- 667. बट-सोची batlohi or (north of the Ganges) षहसी batuli, a smaller similar vessel, used for cooking pulse or meat.
- 668. पतिसी patili of copper (ताँबा tāmba) or alloy. It has a narrow flat mouth, and is used for boiling meat.
- 669. चढा handa, चाँदा hāmrha (l'atna and the south-east), खरन्खडा kharkhanda (Gaya), or खँखन्दा khankhrahra (Champāran and North Tirhut), is a very large copper vessel for boiling rice. When used by mendicants (फकोर phakir) it is called by them टोकन्ना tokna.
- 670. तामी tāmi or तमिया tamiya is south of the Ganges a large brass vessel, broad at the bottom, for cooking pulse at marriages, &c.
- 671. This (to the north-west and in Gaya) is a large iron pan capable of boiling as much as twenty sers of rice.
- 672. बराज्या barguna. This (in North-West Bihar) is a small brass vessel with an erect rim for boiling rice, pulse, &c.
- 673. कराही karāhi or कड़ाही karāhi, and to the east and in Champaran जोडिया lohiya, an iron or brass broad shallow pan with handles (करा or कड़ा kara), generally used for cooking vegetables.
- *About this vessel there is a story. Once upon a time all the people of Bhojpur, in Shahabad, were robbers. When a traveller passed through one of these villages, they used to seize his cooking-pot, saying "वर्षा वोर को मोर tasla tor ki mor,"—"Is the pot mine or yours?" If the traveller replied "मोर mor," "mine," they would set upon him and beat him and rob him of the vessel by force. If he said "बोर tor," "yours," they used, on his own admission, to take it from him and let him go peaceably. Thus, in any way, they plundered him. Hence the saying वर्षा वोर को मोर tasla tor ki mor has passed into a proverb, of which the application is easy to see.

- 674. बस्त्युका bahguna, an iron or brass cooking-pot with straight edges and a handle.
  - 675. तसन्हेड़ी tamheri, a round copper vessel.
- 676. तवा tawa, तावा tawa, or (Patna and Gaya) नाइ taï, an iron griddle plate.
- 677. कटोरा katöra to the south and north-east, कचोरा kachora in Sāran and Champāran, जुना dubbha in Sāran and Champāran, जाटी bāti in Tirhut, and मॅरिवाटी menhibāti in South-East Tirhut, is a vessel used for eating from, with a projection at the bottom on which it stands.
- 678. The तस्तरी tastari (north of the Ganges and in Gaya, Patna, and South Munger), विश्वनी chhipuli to the east and in Patna, जान jām in Patna, Gaya, and the south-east, and कमन्तरी kastari in Shahabad, is like the कडोरा katora, except that it is flat-bottomed, and has no stand.
- 679. In the south-east the সংক্রা jharka is a deep pan for eating; the ম্বৰ দুবা kanchan pūri, a shallow one; and the ব্যাহীৰ agrail, one with the edges straight and short.
- 680. The चारी thari or चरिया thariya, also चीपा chhipa, and (in Patna and Gaya) खोरी khori, is a flat pan from which food is eaten. The मर्जीया चारी malangiya thari has straight sides, and the मिरण्जापुरी mirjāpuri has curved ones.
- 681. परास parat, a large flat pan like the util thari, except that its sides curve gradually up to the top.
- 682. वाँवी thanthi or वाँबी tanthi is a dish like the बादी thari, but made of bell-metal (काँबा kānsa).
- 683. ** dabbu, a brass or iron spoon, of which the bowl is deep and broad, principally used at marriages.
- 684. वजन्य kalchhul or करन्य karchhul is a spoon. कनन्य kalchha in South-West Shahabad means an iron spoon, and कजन्य kalchhi in Saran, Patna, and Gaya a brass or iron one.
- 685. North of the Ganges and in Shahabad water chhanauta or water jharna, and in Patna, Gaya, and the south water jhanjhra, is a cullender or iron sieve with a handle. In North-West Tirhut it is also called water sanauta, and in North-East Tirhut with jhanjh.
- 686. पौना pauna or (South-East Tirhut) पौनिया pauniya is an iron cullender or straining-ladle.

- 687. The with lota is used for drawing water and drinking.
- 688. The new gerus or the hathlar north of the Ganges, Patna, Gaya, and Shahabad, also the solarns in North-East Tirhut, and the jhari in Champaran, Patna, Gaya, and to the south-east, is a kind of lots with a spout (tri). It is generally made of a white alloy (true phūl). The true feet mādhab singhi (North-East Tirhut) is a kind of drinking-vessel invented by Mādhab Singh, a former Maharaj of Durbhanga. It is shaped like a globe surmounted by a funnel. The globe has a spout, and the whole stands on spedestal.
- 689. तमस्या tamha north of the Ganges, and भारते jhāri south of it, is a similar vessel made of red alloy (क्यन्कट kaskut). Both the last two are used for drinking.
- 690. चनःचोरा abkhora or चनःचोरा amkhora is a drinking-vessel, the sides of which are broader towards the mouth, and it is provided with a stand (गोड़िया goriya) at the bottom. It is also called खोरा khora. In Gaya हुना dubbha is a large cup, and in South Bhagalpur चोटःकी lotki.
- 691. There gilas (glass), similar to the last except that the sides are straight or only slightly curved. It sometimes has no stand, and is flat-bottomed. It is, in fact, modelled closely on the lines of a European peg-tumbler, but is of metal.
- 692. बहा batta (Patna, Gaya, and North-East Tirhut), a kind of large metal cup. बाटी bāti is a small one.
- 693. नगर्ग gagra, or (in Champaran and Tirhut) तसन्वेस tamghail or तसन्वेस tamghaila, (in Gaya) बसन्ते basni, and (in Champaran, Patna, and to the south-east) कसन्ते kalsi,—a copper or brass vessel used for drawing water from a well.
- 694. डोड dol or क्रूंड kūnr, an iron vessel for drawing water from a well.
- 695. ब्राइंटर lonhra or बॉइंटरी lonhri, a small iron pan. In the south-west also used for drawing water from a well, like दोस dol. North of the Ganges it is also called दोस्या lohiya.
- 696. चाँद chhonrh or महका matuka, a copper or brass vessel for storing water in.
- 697. The द्वारो surāhi or चोराची sorāhi is used for keeping water. जन्मरो jaldhari (North-East Tirhut) is a water pot.

- 698. चवन्ताचा aphtaba or चवन्ताचा aphtaya, a water-ewer used for washing.
- 699. चिकान्यो chilimchi north of the Ganges, चिकान्यो chiliphchi in North-West Tirhut, चिकान्यो chilamchi south of the Ganges, and चिकान्यो silaphchi amongst Muhammadans, used for washing.
- 700. धरन्पोस sarpos, दक्षना dhakna, or दपन्ना dhapna, a cover for other vessels.
- 701. मिल्या maliya or (Gaya) मिल्हिया malhiya, a small cup for holding oil. Sometimes it is made of wood.
- 702. दीवड diyat or दीवड diwat or चिरकादान chirakdan (north of the Ganges), बरदावन baradwan (Gaya), and चिरावादान chiragdan (Shahabad and South Munger), is a lamp-stand. In North-East Tirhut it is दीचिंड diathi, and in South Bhagalpur दिपारा dipra or दिएकारा dipahra.
- 703. विमन्दा chimta or विजंदा siuntha, also वृदा chunta, a pair of small tongs used for arranging the fire or turning over oakes on the griddle.
- 704. चंद्रकी sanrsi, or (to the east) बावन्सी bāwli, or in South-East Tirhut बगुसी baguli, tongs used for removing the pot (बद्दसी batuli, &c.), from the fire.
- 705. बोरना khorna or बोरनो khorni, also चराइ surāi (North-West Tirhut). उटःकम utkan (Patna, Gaya, and South Munger), प्रकटा ektha (Champāran), and खोपम lopan (East Tirhut), is an iron or wooden poker. प्रकट pihkar (Shahabad) is a wooden poker.
- 706. रमाम जिसा imām jista or (to the south-west) चावन इसा hāwan dasta, or (South-West Shahabad) निमन्द्सा nimdasta, or (South Bhagalpur) चमाम दिसा hamām dista,—a pestle and mortar for grinding spices, &c.
- 707. पिक-दान piikdān or पिकदानी pikdāni, also to the west and south जगल-दान ugaldān, (in Patna and Gaya) optionally विरमित्री chirmichchi, and (in South Bhagalpur) पिरम-दान piriydān, a spittoon. To the east and in Patna it is also पिरिक-दान pirikdān.
  - 708. पनन्दान pandan or पनन्दा panbatta,—for keeping betel.
- 709. डेवा lewa, or in Patna and Shahabad क्षेत्र lewan, and in the south-west of the district देव leo, is ashes plastered on the cooking-pot to save it from fire.

- 710. The handful of straw, &c., used for cleaning metal vessels is বৃহা lūnra or বুজা lunda. In South-East Tirhut it is optionally বৃহা nūnra. In South Bhagalpur it is বৃহা nūro, and in South Munger বুজা nunda.
  - 711. Musalmans generally use the following vessels:-

पतीसा patila, a large copper vessel for cooking rice.

. पतीकी patīli, देगन्दी deychi, or डेगन्दी deychi, a similar vessel smaller in size.

देश deg or डेग deg, a somewhat larger pot for boiling.

वधन्ता badhna, the same as the Hindu जोटा lota, but with a spout.

बधनी badhni, a similar vessel of smaller size.

करोरा katora, similar to the Hindu vessel, but made of copper.

विद्यासी piyāli, a cup.

पियासा piyāla, similar to the last, but larger.

रिकामी rikābi, a saucer.

तवाक tabāk, जिन्ना jibbha in Champāran, or नवाख tabākh south of the Ganges, a broad flat washing-vessel.

चिमन्डा chimta, &c., the same as used by Hindus.

सर्गोस sarpos, दकना dhakna, or दणना dhapna, cover for other vessels.

चिसिमन्ची chilimchi, &c., the same as for Hindus.

चफ्नावा aphtāba, the same as for Hindus.

तसत tasat or (when smaller) तसन्तरी tastari, a broad flat dish.

सेनी seni or (in South-East Tirhut) चैन sain, a broad shallow tray.

गगरा gagra, &c., as for Hindus.

सगन layan, a large vessel for storing water.

कराची karāhi, &c., the same as for Hindus:

भरना jharna, स्नीटा chhanauta, &c., as for Hindus.

पनन्दश panbatta, &c., as for Hindus. The अञ्चनन्दान husundān or (Gaya) कुना kutta or कुनी kutti is similar, and contains additional compartments for lime.

बावन्दान khāsdān, for keeping pān or betel, with a cover.

The विद्यानको khilbatti is used for keeping ready rolled up hetel leaves, with the nut and lime inside ready for use (विद्यो khilli).

पिक-दान pikdan, &c., as for Hindus.

चोराची sorahi, &c., as for Hindus.

Lamp-stands, viz., फतीख धोज phatil soj, and in Saran also पटीख मोज patil soj, of brass; चिरागन्दान chirāgdān, of wood; दीवड diwat, &c. (see Hindu articles) of iron; and बदन्वाम badwān, of bamboo slips.

नावा tāwa, &c., as for Hindus.

दल पनाच dast panah or दस पना das pana, tongs.

सिंखन्या sinkhcha or सीख sikh; also north of the Ganges गज gaj, a spit.

रच्च dabbu, as amongst Hindus.

#### CHAPTER IX.-EARTHEN VESSELS.

- 712. The number of these is very large, and varies in each district. The following list does not profess to be exhaustive. It is in alphabetical order.
- 713. When a new earthen vessel is taken into use, it must first be used by a member of the family and not by one of the servants of the house; otherwise it is considered impure. This is considered as a dedication of the article to family use. To dedicate an article thus is used a urāhab, or in South Bhagalpur urhāb, and in Saran usaud urābl or usaud a urābl or

East Tirbut it is made of brass. In North-

one used (in Gaya) for holding water, washing clothes, and roasting poppy-flower cakes.

चयन्तर adhkar (east), a vessel used in distilling.

चनन्त्रा abkhora, a drinking-vessel.

कॅटिया kantiya or कटिया katiya, a little vessel with a long neck. Cows are milked into it.

कत्ती katti (Patna, Gaya, and Sāran), or नती gatti (Shahabad), a round potsherd used by boys in playing.

कपन्टी kapti, a kind of cup.

and karai (South Munger), a water-vessel with a spout.

also (North-West Tirhut) used for holding curds.

करन्दा karwa (West Bihār and South Bhagalpur), a water-vessel with a spout.

करिया karahiya, for boiling milk = कराडी karāhi.

ন্ধানী karāhi (north of Ganges) an earthen pan in which clarified butter (ছ ghyu) is cooked or milk boiled.

कसन्ता kalsa, कसन्ती kalsi = a घेला ghaila, especially when ornamented with lime and colours at weddings, &c.

करन्तरा kastara (south-east), a saucer for holding curds.

कसन्तरी kastari (south-east) = तसन्तरी tastari, q.v.

कूँड़ kūnr (west and Patna), a large vessel for holding grain and food.

कूड़ा kūnra (north of Ganges), an earthen vessel in which sweetmeats or balls of rice mixed with sugar (कसार kasār) are given to daughters when going to their father-in-law's house. In South Bhagalpur it is कुखा kunda.

क़िंद्या kurhiya (South Bhagalpur), a small vessel for milk.

कुष्टा kunda (Champāran, Shahabad, and South Bhagalpur), a large flat jar. See also कॅड्रा kūnra.

कोश koha or पतुकी patuki, a small round wide-mouthed vessel for curds, or for cooking. कोश्यि kohiya (Gaya) is a smaller variety.

खपन्डा khapra, tiles.

earthen griddle for making bread or parching grain. When used for parching grain it is made by breaking off the top of a चेना ghaila, but that used as a griddle is specially made by the potter. In South. Bhagalpur it is also called चित्र्या chariya.

वपन्ति khaprauri (Gaya and West Tirhut), a pot for removing the afterbirth, &c., when a child is born.

चनाची khalchi (Shahabad), a little platter.

खापरि khāpari. See खपन्ही khapri.

Titi khāwa (South Munger), an earthen cooking-vessel.

and khikhi (Tirhut), a vessel for holding oil.

un khum (Patna), a large flat jar.

round earthen vessel used by saltpetre-makers (जीजिया noniya) for holding the mother liquor; also (to the east and in Gaya) a large jar used for various purposes.

गगरी gagri, a vessel used for drawing water.

् गणी gatti,—see कणी katti.

गमन्सा gamla, a flower-pot.

गुइन्की gurki, a drinking-vessel, especially for drinking spirits.

षड़ा ghara,—see चैसा ghaila.

घरिल gharil,—see चेला ghaila.

ৰবিষা ghariya (Shahabad), a drinking-vessel.

चुची ghuchchi (Sāran), a little dish with a narrow neck.

युरिकी ghurili, a little vessel with a narrow neck.

घैला ghaila, घैली ghaili, घड़ा ghara, or घरिल gharil, a vessel for holding or drawing water. (See बसन्ती basni, डावा dāba.)

चही chatti (Patna and Gaya), an earthen cooking-dish.

चित्र्या chariya,—see खपन्डी khapri.

বৰ্ষ charua, বৰ্ম charui (south of Ganges), a vessel for holding grain or for cooking = ব্ৰুষ্য cherua.

বিকলী ঘাঁকী chikni hānri, a vessel for cooking vegetables, pulse, &c. After using it for several months it becomes polished and durable owing to the oil and butter cooked in it.

चिराक chirāk (South Tirhut and the west), चिराम chirāg, a lamp-saucer.

विश्वम chilam, the bowl of a pipe.

मुकारो chukri (south-east), a drinking-vessel.

चुकन्नी chukni (Gaya), a small earthen jar.

चुक्क, चुक्कर chukkar, a vessel with straight sides and a very short neck, used for drinking.

TIT chukka, a drinking-vessel.

cooking-dish or for holding grain = www.charua.

भेपी chaumpi (Patna and Gaya), an earthen vessel in which milk is boiled.

the top for straining toddy.

chhonrh (to the west), a large earthen jar.

कों दी chhonrhi (north-west), a vessel for keeping water or grain.

जासा jāla, a water-jar.

water. jhajjhar, a croft for keeping water.

marel jhabhi, an earthen vessel into which cows are milked.

भारी jhāri, a vessel with a long spout.

टरिया tariya (Champāran and the east), a small oil-pot.

टाइ tār, टाइन tāra (Gaya), an oil-pot. A smaller variety is टाइने tāri.

हरँया tuñiya, a drinking-vessel.

হুৰা tūān, হুই tuīn (Patna and Gaya and South Munger), a drinking-vessel with a spout.

देखारा tehra (Gaya and South Bhagalpur), a kind of pot for milk.

टोरिया tontiya, a tile used as a water-spout at the cave of a house.

डिजिया thiliya, a vessel used for drawing water.

डबन्दी dabri,—see डिबन्दी dibri.

डावा dāba, a vessel used for drawing water smaller than a वसन्ती basni and a चेसा yhaila. In South-East Tirhut, used for boiling milk.

डिवन्सी dibri, and also in Shahabad डवन्सी dabri, same as सगाइक sanhak, but smaller.

दक्तना dhakna or (east) डाकिन dhākani, a cover for other vessels. दक्तनी dhakni is a smaller one.

दिसन्ता dhimka (South Bhagalpur), a saucer used as a covering for other vessels.

नरकही tarkatti, the vessel in which palm-juice (नाड़ी  $t\bar{a}ri$ ) is collected at the foot of the tree.

तवाक tabāk (Patna and Gaya), a little platter (generally of iron).

तसन्तरी tastari, a saucer used by Muhammadans. When made of brass, also used by Hindus. Cf. क्सन्तरी kastari.

नार tāi (south of Ganges and Champāran), a griddle for making bread; a kind of shallow pan, with an edge for lifting it up by.

नेस-दाँड़ी telhānri,, तेस-दण्डा telhanda, a vessel for holding oil.

नेशाय telāy, an earthen vessel for cooking oil or clarified butter भू (ghyu).

नौजा taula (north of Ganges, Gaya, and the south-east), a large earthen dish for cooking.

चपन्ते thapri (Patna and East Tirhut), a vessel for measuring milk. चास thal, a platter.

इयन्त्रम dabkan (Gaya), a saucer used as a cover for other vessels. इयात dawāt, an ink-stand.

द्भेंड़ी dahenri or (Patna and Shahabad) दश्की dahri, for holding tyre (दश्ची dahi).

दियरी diyari (north of the Ganges and south-west), दियारी diyari (North-East Tirhut), a very small lamp-saucer.

दिखरी diuri or दिखली diuli, a very small lamp-saucer.

दीप dip, a lamp-sauser.

दीया diya, a lamp-saucer.

दोरी diri (south-east and Gaya), a very small lamp-saucer.

देग deg, a cauldron.

नदिया nadiya, for keeping tyre (दशी dahi).

नदोद nadoi (Gaya), an earthen cooking-vessel.

नरिया nariya, a kind of tile ( खपण्ड़ा khapra).

नाइ nād or (east) जाइ lād, a large earthen basin or bowl used as a feeding-trough and for other purposes.

पतिचा patila (Sāran, Patna, and South Munger) or पतीचा patila (Sāran and Gaya), an earthen cooking-vessel.

पत्नो patuki (west), a small round wide-mouthed vessel for keeping tyre or for cooking.

पनन्तर panchora (south of Ganges), a vessel used in distilling.

परना parchha (West Tirhut), a large jar for water.

Terrai (South-West Shahabad), a saucer used as a cover for other vessels.

परिया pariya (Patna), a saucer used as a cover for other vessels.

विद्या pitaua (Patna), a small earthen pan.

पियासा piyāla, पेषासा peāla, a drinking-cup.

phuchchi (South-East Tirhut), a vessel for measuring milk.

करो phūri (South Bihār), a saucer used by Musalmāns in feasts of the brotherhood.

बधन्ता badhna, a water-vessel with a spout.

Tant baruka (South Tirhut), a drinking-vessel.

बसन्ती basni, a vessel for holding or drawing water, smaller than a देखा ghaila and larger than a दावा dābu.

वसना bahna (Patna and South Munger), a large flat jar.

विचार bithar (Patna), a large dish.

भभन्का bhabhka, a vessel used in distilling.

भवका bharuka or भवकी bharuki, a drinking-vessel.

भाँड़ा bhānra or भाँड़ bhānr, a vessel with a neck for milk or clarified butter (भू ghyu).

स्र-का bhurka, स्रान्की bhurki (in Tirhut), a drinking-cup.

भोजदरी bhojahri (south-east), an earthen dish used by Musalmans at marriages.

मॅगन्रा mangra, the tiles along the ridge of a roof.

सटन्द्रा matka, and also (south of the Ganges and in Champāran) भट्टका matuka, an earthen vessel for holding water or grain.

महका matuka = मटन्का matka, q.r.

सरनान martabān, सरनान martawān (south of Ganges), सिरन्तवान mirtawān (north of Ganges), an earthen vessel with a wide mouth ornamented with lac ( जार lāh).

महारा malwa (West Tirhut, Shahabad, and South Munger) or मिल्ला maliya (North-West, West Tirhut, Patna, and South Bhagalpur), a vessel for holding oil. It is equally often of wood or metal.

माँड mant (Gaya), a large flat jar.

मिर्न्तवान mirtawān = मर्न्तवान martawān, q.v.

सिटिया mitiya or मेटिया metiya, a round vessel with a short neek for water.

मेंडिया metiya = मिटिया mitiya.

मेडा meta (South Bhagalpur and to the west) = मिडिया mitiya.

मेटी meti (South Bhagalpur), for holding tyre.

सौन maun, a vessel for holding date-juice.

सन्बर्धा ramkarwa (South-East Tirhut and Champaran), a drinking-vessel.

रकेवी rakebi = रेकावी rekābi, q.v.

रमन्त्रका ramchukka (Patna and Gaya), a drinking-vessel.

राइस rāïs (East Tirhut), a little vessel with a narrow neck, used for holding milk and similar purposes.

रिकाकी rikābi, a saucer.

रिकेबी rikebi = रेकाबी rekābi, q v.

रकामी rekābi or (Patna and Shahabad) रक्केमी rakebi, or (southeast) रिकेमी rikebi, a saucer.

स्वरना labna (Patna and Champāran), a water-pot in the shape of an ellipsoid.

स्वरनी lubni, the vessel in the shape of an ellipsoid, in which palm-juice (ताड़ी tāri) is collected from the trees.

साद lad =नाद nad, q.v.

चनकी sanki (South Bhagalpur and Gaya), a saucer used by Musalmans.

सन-एक sanhak, सन-एकी sınhaki, a broad flat dish used by Musalmāns for eating boiled rice.

sarbi (South Bhagalpur), a cup for distributing pulse, &c., from the cooking-pot. Used at marriages.

सुराची surāhi,—see चोराची sorāhi.

चेका हो sephāli (Patna, Gaya, and Shahabad), a flat earthen dish.

serha, a vessel for drinking spirits.

भोराची sorāhi (north of Ganges) or उराची surāhi (south of ) it), a water-vessel with a long narrow neck.

चॅिया hanriya, diminutive of चर्दी hanri, q.v.

चंद्रीका hanrola, diminutive of चाँद्री hānri, q.v.

क्योंना hathauna, a vessel for collecting date-juice, larger than a सबदनी labni, used when the juice (ताड़ी tāri) flows freely.

बाँदी hanri or चेदिया hanriya (small) or चंदीसा hanrola (small), a vessel for cooking or holding milk, tyre, &c.

## CHAPTER X.-WOODEN VESSELS.

- 714. The कडीन kathaut or कडीनी kathauti is a large wooden dish for kneading flour. It is also called कडारा kathra south of the Ganges and to the west, नगाड़ी tagāri in Tirhut and Champāran. डगारा dagra in Champāran and Gaya is a large flat dish made of wood. The पहाड़ी uldi in the west, कड़जी kathuli in Shahabad and South-East Tirhut, कडोजी katholi in North-East and South-West Tirhut, and कडाजी kathli or पहिचा arhiya in Shahabad, is a small wooden dish for scraps. In Patna, Gaya, and the south-east it is पैसा paila.
- 715. The वसन्कीन kaskaul (Patna), किना kista (Gaya and the south-east), and कवण्ड kamuandal (generally), is a wooden cup carried by mendicants. In the north-west नरियरी nariyari is an oval one. त्मा tuma, तुमा tumma, or तुमा tumba, is the mendicant's gourd.
- 716. चेंबन्सी sewti or (North-East Tirhut) चौथी sauthi is a wooden platter used by sailors.
- 717. जाकनी dokni (Saran and Champaran) and दकना dhakna (North Tirhut) are small wooden dishes.
- 718. The ভাই doi or (south of the Ganges) ভাষা doa, or (South-West Shahabad) ভাষা doki or (south-east) ভাষয় doüü, is a wooden ladle used by Muhammadans in cooking pulse. The corresponding word amongst Hindus is, in North-East Tirhut, হাৰি dābi, and in Champāran হাৰা dāba. ঘটনা ghatna in Gaya is a machine for stirring pottage as it is being cooked.

### CHAPTER XI.-LEATHER VESSELS.

719. South of the Ganges the महाना malwa is used for holding oil. In Champaran it is पश्चिम maliya. कुष्पा kuppa or कुष्पो kuppi is for holding oil or clarified butter : स् yhyn). नदोद nadoi is used in Gaya for the same purpose. In North-East Tirhut घोकान् dhokra is a sack used for the same purpose, as in the proverb मूहक चोट धोकान् पुरुष काम yūrak chot dhokreū punu jān,—it's only the vessel that knows the pain (or weight) of the molasses, i.e., only he who suffers, knows the pain. नेहा gelha is a similar smaller vessel.

नेक्टा gelha or (in South-East Tirhut) चमन्द्री chamri is also a vessel for carrying molasses.

720. भोड mot or सोडि moti is the large leather bucket for drawing water from a well. डोस dol is the smaller one. समझ masak is the leather water-skin borne by water-carriers. इसी कुणा dasti kuppa is the small leather bag used by torch-bearers (समासन्धी masālchi) for carrying oil.

#### CHAPTER XIL-LEAF-PLATTERS.

721. The दोना dona is a small round leaf-platter. In Patna, Gaya, and the north-west it is also called खोना khona, and in Shahabad बदोना khadona. The पत्तक pattal is a broader and flatter kind, and is also used as a kind of basket at Hindu marriages when a number of guests are to be fed. It is also called पतारी patra in Shahabad, पता patta in South Bhagalpur, and पतारी patrauri or पतासारा panmāra in Champāran and North-West Tirhut.

## CHAPTER XIII.-STANDS FOR VESSELS.

722. These are made of mud or brick, and known as चिर्धिही ghirsirhi in the north-west, east, and Patna, घिषिरी ghisiri in Saran, घिरिंगिडी ghirsindi in Patna and Gaya, घिरिंगिड ghirsir in Patna and Shahabad, and घिर्धि ghirsandi in South Munger. Other names are घेडा-सारी ghailsāri in South-East Tirhut, घडा-घारी ghalsāri in South Bhagalpur, घडा-घरी ghalthari in North-West Tirhut, घड़ींची gharaunchi (South-West Shahabad), and चौतारा chautra or चोटा ota (Champāran).

### SUBDIVISION III.

## CLOTHES AND ORNAMENTS, &c.

#### CHAPTER I.-CLOTHES.

723. The general terms are बपरदा kapra, चीर chir, and जूगा / йवुवा The last has local variants, जूगा nåya (South-East Tirhut) and जुणा lugea, बद्धा nunga, or जूगा nånga south of the Ganges. Other names, current principally to the west, are परनावा pahrāwa, ज्ञा bastar, or



A Bihar Fashion Plate

9. Changoshiya topi, aba, churid in min

CLUTHES WOEN.
Kanjhappa, dohar. dheef.

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क्षपः इन सत्ता kapra latta. A suit of clothes is called पाँची दूव काप-इन pāncho tūk kapra, and consists of a turban, loin-cloth, jacket, sheet, and bathing-cloth.

## 724. Amongst men's clothes are-

The turban.—पाग pāg, पिगया pagiya, पगन्दी or पगन्दी pagri is a piece of cloth woven for the purpose. The inner portion of the made-up turban (बृत के पगन्दी būt ke pagri) worn by the more respectable people is called फेंटा phenta. मुदेदा muretha is a piece of ordinary cloth, or even a garment, such as the गमन्दा pametha, पद्द chaddar, or दोपदा dopatta, worn round the head. चीदा chīra is a checked turban. A piece of cloth wound under the chin and over the head is दादा dhātha; also गचीधी galaudhi in Patna and East Tirhut, गचन्नोचा galmochha in Tirhut and to the east and (optionally) south of the Ganges, and गम्दिन galjin in North-West Tirhut and Gaya.

- The cap is टोपी topi or बाजी tākhi. The round cap covering the ears worn by Brāhmans is सुद्धा munda in Sāran and North Tirhut, बासीबास kāsīwāl in South Tirhut, बाज tāj in North-East Tirhut, Patna, and the west, and बमन्नी babhnau in Shahabad and South-East Tirhut. दोपिस्था dopaliya is a long cap made of two pieces, and the चर्यास्था charpaliya or चीनोशिया chaugoshiya is round and made of four pieces. The कन-दोप kantop, कन-काषा kanjhappa (both of these also to the west and in Patna), and कान-दार टोपी kāndār topi (all north of the Ganges), is a piece of cloth worn loose over the head. South of the Ganges it is कुक्ही kulhi or कन-काषा kanjhappa (Patna and South Munger), कन-काषी kanjhappi (Grya), and कन-कोषा kanjhopa (South Bhagalpur). कुक्हिया kulhiya in Gaya is a boy's cap. घोँचा ghongha in Gaya is a wide umbrella-shaped hat of tāl leaves, worn in rainy weather.
- 726. The loin-cloth.—This is घोती dhoti. North of the Ganges and in Shahabad it is also called सरन्दानी mardāni, and in Shahabad, Patna, and Gaya ल्या lungi. The small loin-cloth is संगोटा langota or संगोटी langoti; also in Patna स्पृष्ट langot. Other names are कोणिय kopin, in Champāran कोणीन kopīn, and in the south-east नंगोट nangot or नंगोटा nangota. स्था kappa (east) is a small cloth worn round the waist by the poor. The सगरमा bhagwa, or in Sāran सम्हे bhagaī and North-East Tirhut सरिया dhariya, is a small dhoti principally* worn by

boys. The few-st bisti, or in Gaya fewst bichhuti, is the scrap worn by poor boys. The small tight cloth worn by wrestlers, and also the usual cloth tightened up to allow of free play of the limbs in violent exercise, is atel kachha or at kachchha. Other names are charna (Champaran, Patna, Gaya, and the east), चिड chit (Patna). चमासी samāli (Gaya and the south-west), भरःकच or सड़-कच bharkachh* (North-East Tirhut), and warate bharkachh (South-East Tirhut) तक्ताद tahmad, or in Shahabad तक्तवद tahband, and in Champaran तही tahi, is a loin-cloth worn by Musalman mendicants (fakirs). The tag of the loin-cloth tucked in behind is पिक्सा pichhua or पर्या pachhua to the west. To the east it is sai dhenka or sait dhenkua. The loose end which hangs down in front is खूँड khūnt, साँची sānchi (North Tirhut), and grapuchehh (South-East Tirhut). In South Bhagalpur it is कोंची konchi. The knot in the loin-cloth for holding money, &c., is फॉड phānr, फॉडा phānra, or फखा phanda. They are also called चंट chent or 33 tent towards the west, and ve pench in North-West Tirbut. Other local names are पहिन्। harira (North-East Tirhut), चेहन्सा airha or wal murhi (both South-East Tirhut).

- 727. The drawers.—These are पेजामा paijāma, also south of the Ganges रजार ijār and चियन्तर khiskat (apparently a corruption of the Persian khiskatk). In South Bhagalpur they are also called नमान tamān, and in North-West Tirhut सुरवास surwāl (a corruption of the Persian के shalwār). According to the Kānūni Islām, the ijār and surwāl are not so wide as the paijāma. Tight drawers are सुद्धित churidār, also सुन्धित churidār, also सुन्धित churidār, also सुन्धित mohridār; also सुन्धित khaltedār in Patna and to the west, सरकासर barkābar in Gaya, and प्रविद्धित painchedār elsewhere. If loose, with pieces let in along the thigh, they are सिन्धित kalidār. जिल्ला janghiya are tight-fitting short drawers, such as those worn by wrestlers.
- 728. The jacket.—This is भिरम्बर mirjai and also खुटिया चाँगरन्ता khutiya angarkha.
- 729. The coat.—This is an anga, and angarkha, or angarkha. Those worn by Hindus open on the right breast, and those by Musalmans on the left. It is tied at the neck by a string, and

^{*} Compare Manbodh's Haribans, which is a Maithil poem. जनमा त्व विद् भाषा शाहि kadamak taru charhi bharkachh māri,—(Krishna) mounted the kadam-tree and tightened his loin-cloth.

- ghundi or मुंडो ghūnri, and also to the east and south सुष्टी bhundi or मुंडो bhūnri, and in South Bhagalpur सुष्टो bhundo, which runs in a hem, तुकन्मा tukma, or (in Patna and Gaya) गास्त्री gāli. The चयन्कन achkan is a long loose coat buttoning right down the front. The कावा kāba or (south of the Ganges) कवा kaba is an outer coat open at the chest and sleeves. The जिमासीन nimāstīn (also called नीमा nima south of the Ganges) is a jacket the sleeves of which reach only to the elbows, while the यहाँ shaluku and पदा sadari leave the arms bare.
- 730. The sheet.—This is चर्र chaddar or चार्र chādar. This is of various kinds, viz. the दोचर dohar is a doubled sheet hemmed all round. The गिलेफ gileph, मलना salga, or जोन khol, is similar, but is not hemmed all round, and is generally made of coarse cloth (मोटिया motiya). The प्रकापशा ekpatta or प्रकास cklāi is a sheet made of one breadth of cloth. उत्पद्धा derhpatta or उत्पद्धा derhpatti is a sheet whose whole breadth is made up by sewing together two cloths, of which the breadth of one is half that of the other. The दोपन्य dopta or दोपशा dopatta is a sheet whose breadth is made up by sewing together two cloths of equal breadth. उत्पत्ती ulvi to the east is an outer garment. To the west it is used (a) for the string tied round a corpse's neck, and (b) for the mourning garments worn for ten days by the कराना karta, or person who lights the funeral pyre.
- 731. The stuffed quilt.—These have various names, according to the amount of cotton-wool in them, viz. सेहाफ lehāph (five or six sers); रजाइ rajāi, सेहाफी nehāli, or (South Bhagalpur) केहाफी lehāli, all of which hold from one to three sers; and the दोसाइ dolāi, फीरक sirak, or (in South Bhagalpur) तुराइ turāi or फीरग sīray, which contain less than half a seer. The stuffing of the quilt is अराना bharna or (to the south) भराव bharāw or भराना bharāna. Bits of old cotton padding in a quilt are महा anga north of the Ganges. A similar quilt made of patchwork is गुरूरा gudra or गुरूरी gudri. When made of rags it is स्थारा khendhra; also optionally in Tirhut, Patna, Gaya, and the east गुरूरा gendra, and in Shahabad सर्रा lendra or सर्रा ledra. See also § 637.
- 732. The long coat worn by well-to-do people is wist aba. The kind of court dress consisting principally of flounced petticoats is what jama.
- 783. The bathing-cloth, worn round the loins while bathing and used for drying the body afterwards, is named differently by Hindus

and Musalmans. The former call it अंगोबा angauchha or गमाइ gamchha, a local variant being अंगोबा angauchha to the west. I smaller kind, or handkerchief, is अंगोबी angauchhi, गमाबी gamchhi बाकी sāphi, तीनी tauni (East Tirhut), or निष्मी tiuni (North-Wes Tirhut). The Muhammadans call the bathing-cloth खुकी lungi or ब्योगी lungi. The बखरिया hajuriya is a similar bathing-cloth worn by Hindu mendicants (बरागी bairāgi).

- 734. The purse.—This is देखा thaila, यही thaili, वह battu, बहुदा batua, or बहुद batui. The भोरा jhora is a larger bag. In Gaya and to the west it is also घोषी ghoghi or घोकारी dhokri. The बगुसी baguli or तिस्त्राची tildāni is a tailor's housewife. सोखर lokhar is the case in which a barber carries his razors, &c. The last is also called विस्त्राचन kishat north of the Ganges and विस्त्राचन kishat south of it. The moneybelt is डॉ इा donra or डॉइन्स donrha.
- 735. The shoes.—These are जोड़ा jora, जूना jūta (or स्ता jutta), जूनी juti, or पन्ही panahi. जेरन्यार jerpāi, बरन्या kharpa, or (southeast) चटन्या chatka, are usually the shoes worn by women. The wooden bathing-patten with a peg to go between the toes is खड़ाचाँ kharāon, खड़ाजन kharāin, or खड़ाँच kharānw (also to the east खराम kharām or खराचीन kharāoni) or चपन्टा chapta, and the clog held on the feet with strings or straps is बाधा bādha or बर्ग्स badha. In Sāran and South-West Shahabad खनारी latri are old shoes.
- 736. The Brahmanical cord is ভাষৰ janew, তাৰত janew, or (to the south-east) ভাষতভা janeüa. The knots in the cord are খাৰেই parwar or খাৰেই parwal. In Tirhut and South Bhagalpur they are also খাৰেই parbal. The ভাষ বিভাগ sūt sikha is the projecting part beyond the knot. The length of the cord is measured by handbreadths (খাৰা chaua). A Brāhman's cord is 96 handbreadths long, and so also a Rajpūt's, but the knots are different.
- 737. The blanket.—This is कबार kammar, कबार kammal, or कमरा kamra. In South-West Shahabad it is also राज ral. A small blanket is बमरी kamri or कमरिया kamariya. In Champaran and the south-east मूज dhūs or मुखा dhussa is a thick kind of blanket. प्रकार pachhatthi is a large blanket five cubits long, and क्या chhahattha or क्या chhahatthi is six cubits long. कोची ghogi is a peculiar way of tying a blanket over the head to save the wearer from rain. In South-West Shahabad it is also called चाँची ghonghi, and in Patna and North-East Tirhut कि bukki. The blanket forms the subject of many proverbs: thus चाँ भीजे

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त्यों कबार भारि jyoñ bhije, tyoñ kammar bhāri,—the more a blanket is allowed to secome moist, the heavier it gets, i.e., delays are dangerous.

- 738. A patch on the clothes is पेवन pewan, local variants being पेवन pewand south of the Ganges and पौना pauna in South-West Shahabad. It is also called पाटी pāti or परिया patiya to the east. Another name is चेकन्द्री chephri in North-East Tirhut.
- 739. When cloth is doubled, the outer piece is অৰন্য abra or (in South Bhagalpur) থকা palla, and the lining অৱৰ astar or (in Champaran and North Tirhut) নতী tahi.

## 740. Among women's clothes are-

The sheet.—This is चारी or चाड़ी sāri generally, with a variant Estat sariya to the east. To the west and in Patna and Gaya it is also called विश्वचा khilua. It is also called जूगा luga, with, in East Tirhut. a variant, नुजा nuga. In South Bhagalpur it is called बरन्द्रत्यी barhatthi (when 12 cubits long), and in South Munger खाँड़ी khānri or खाउ khanda. An old torn sheet is लुगन्दी lugri, as in the proverb नई घोनिनयाँ चाहिल. लुग-रिये साबुन साइति nai dhobmiyan aili lugriye sabun laili,—the new washerwoman has come and applied soap even when washing rags, i.e., a new broom sweeps clean. A proverb of similar import is नया नोकर खरगोस पकड़तारे, naya nokar khargos pakartāre,—a new servant will catch a hare, or, as they say in Ireland, a sharp fellow won't let a hare eatch him. The smaller sheet worn by poorer women is जनानी भोती janani dhoti or लगन्दी lugri. Over the बाड़ी sari is worn another sheet, called चद्र chaddar or चाद्र chadar, or (in Gaya and South Munger) पिकौरा pichhaura. This may be दोपन्टा dopta or दोपहा dopatta, as in the case of a man's sheet. The small sheet worn by little girls is uccessor parkhanda to the west and in South Bhagalpur and Gaya बरन्की barki in Patna and the south-west. It is फिल्या phaliya in Saran and North-West Tirhut, and ganti in South Bhagalpur, and फरिया phariya in South-West Shahabad. We also find खेरकी kheruki or usal kharuki, usan kheruka or usan kharuka, north of the Ganges, and प्रतस्ती putli in South Tirhut, Patna, and South Munger.

741. The hem of the sheet is generally चाँचर anchar, and also चाँचरा anchra or चांचरा achra. This is also the part which covers the bosom. The first of these words is the nominative, and the others are more properly used with postpositions. Thus दे चाँचर बड़ नीमन वा i anchar bar niman ba,—this border is very beautiful; but चांचर में वाच्ह

achra men banh delin, -I tied it up in the hem of my garment. The end of the sheet gathered up and tied in front is work phuphuti, क्रकनी phuphuni, or क्रकरी phuphundi to the west, and बीचा koncha or काँची konchi to the east. The pocket in front formed by loosening the part tied round the waist is with khoinchha, and in the extreme south-east खोएला khoechha or खोंचा khonchha, as in the proverb बुड्ब्ब, कनेषाँ के नी जाना खोर्डका burbak kaneān ken nau ana khoinchhu,-it's a fool of a bride that only gets nine anas in her pocket (for wedding presents). The loose fold on the left side is गामानीटा gojhnauta. In the south-west it is fuelt pichhaura. When a woman is modest and meets a strange man, she draws her sheet or veil (see below) before her face. This action is called alaz ghoghat, or in Gaya स्था ghuggha, in South Bhagalpur घोषो ghogho, and to the northwest व्य ghūgh or घोच ghogh; and when a woman wishes to be extra modest, she pulls a great deal over her face. She is then called 43 घोषट bar qhoghat.*

- 742. चमन्दार chasdār is a dyed cloth with a double-hemmed border worn by women in Shahabad. In the same district महाद् masārhu is a dyed cloth used by females of the lower orders, and जिन्न की jhimki is a cloth printed with flower patterns. कवन्देशा kakreju is a purple, and सानु sālu a red cloth, much used everywhere.
- 743. The petticoat.—This is generally चंदना lanhga. A looser kind is चंदना ghanghra in Gaya and to the east, चट्टन ghanghar in the south-east, and चंदर ghānghar in Shahabad. The चंदनी ghanghri is a girl's petticoat. काचा kāchha is a mode of tying it under the leg. The waist-band through which the string is run is नेपा nepha, and the string itself is द्वार बन्ह ijār band, or in the case of a bride or bridegroom नारा nāra. The hem is also called कमरनोह kamartoï.
- 744. The bodice.—This, if it reaches to the waist, is कुरन्ता kurta, भूजा jhūla, or in North-East Tirhut कर्यन kasani. If it is short, only covering the breasts, it is व्यापा angiya or चोजी choli. A similar short bodice, worn chiefly by prostitutes, is called करूरम mahram. This last in North-East Tirhut is called चोकी choli.
- 745. The veil or cloth worn over the head is चोइन्नी orhni. When a veil or a sheet (चाइर chādar) has a dyed border, it is called चुनन्ती

^{*} As in Manbodh's Haribans, where the wife of Akrūr, although very modest, still wanted to look at Krishna when he came into the house, বৰু ঘাৰত মুৱ বকৰী আৰ্থিক bar ghoghat punu takalo chāhia.

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chunri or चुँडारी chundri, and also in Sāran किसाकी jhimki. The border is called in North-East Tirhut पाहि pārhi or पहिचा parhiya.

- 746. The drawers are पैजामा paijāma or (in North-West Tirhut) सरवास surval.
- Toilet requisites.—The antimony put on the edges of the lower evelids is strut surma, and the lampblack applied to the eyeball is areas kājar, as in the proverb डाँच गुन काजर, कुडाँच गुन कारिख thāmw gun kājar. kuthāmw gun kārikh,—in the right place it is collyrium, and in the wrong place, soot. Lampblack is kept in a box called any fer kajrauta or an edel kajrauti. The coarser red lead put on the forehead and on the parting of the hair is मेंद्र sendur or सेतर senur. The finer kind placed between the eyebrows is that ingur. The silver spots put on the forehead are called feggl tikuli, and the round silver spot between the evebrows is fare bindi. The small silver or gold spots surrounding this are, in North-East Tirhut, बेनी beni or बेनिया beniya. comb is ककः हा kakha, ककः ही kakhi, or काँगही kangahi. It is also ककःवा kakua in Patna, Gava, and South Bhagalpur. The खिखा इन्नी likhgahni is a kind of comb used in Gaya. The hair-brush is डकररी or थकरी thakri. To the east भूरन्नी jharni is a kind of brush made of the stem of a cocoanut leaf. A tooth-brush is इत्यन datuan. It is made by biting one end of a sprig of wood till the fibres form a brush. Hindus use a fresh one every day, but Musalmans keep theirs for a fortnight at a time.
  - 748. Washing of clothes.—See §§ 389 and ff.

In making clothes, the following terms are used by the tailor or small darji:—

पद्धल pasūj is running, तुर-पर्द turpaī hemming or felling, जरमा urma is top-sewing, लक्ष्ण langar tacking or basting, and जून chūn gathering. बिखा bakhiya or बखेबा bakhea is stitching, चाँपा बिखा chāmpa bakhiya is long stitching, and डोरी हे के बिखा dori de ke bakhiya stitching-in piping-cord. जना jawa is a long stitch and a short stitch alternately, and काँटा फोड़ी पिख्या kānta phori pakhiya is a kind of stitching for which there is no English name. सुखन्तान खोड़ी sultān lorhi is a mantua-maker's hem, पार्की sārji is herring-boning, and जाखी jāli a kind of herring-boning for joining two cloths but not bringing their edges together. इरज darāj is a run-and-felled seam. When it is narrow, it is called गोख gol; when wide, रमखन्पनी imalpatti; and when very wide, चीरा chaura. There are false hems of various kinds. When

the edges of the two pieces meet evenly, it is called **val** patti; when the edge of the added piece extends beyond the edge of the main piece, the false hem is called, if it is narrow, **narral** magji, which properly means the overlapping portion. If it is wide, it is called **valu** sanjāph. When the overlapping portion is very wide, the false hem is called **valu** takhnavāla sanjāph, or in Shahabad **valu** valu takhnavāla sanjāph. **valu** takhnavāla sanjāph. **valu** takhnavāla sanjāph.

749. विश्व करा silahra is a kind of embroidery. Two thicknesses of muslin are sewn together. The under one has holes cut out in it which are embroidered, and are visible through the upper one. It is used as an ornamental border. विश्व bel is similar to विश्व करा silahra, except that patterns of various leaves, &c., and not holes, are cut in the lower muslin. विश्व रा singhāra is an embroidered scolloped or vandyked edge. चोराचे sorāhi is a piece of calico cut into an ornamental shape and appliquéd on to the shoulder of a coat. उसन्य सुद्धा ulta mundha is binding an armhole with piping-cord. करा kantha is a rounded collar sewn in front of the coat. A sleeve is said to be मुद्दार churidār when it is gored to fit tight at the wrist. A gore is घोर ghor. There is no Bihāri equivalent for "dart," "pleat," or "tuck."

### CHAPTER II.-CARPETS AND MATS.

- 750. A floor-cloth is कालीन kālin south of the Ganges, north of the Ganges आजिम jājim, or (to the west) फर्फ pharas. A carpet is द्री dari, or when larger सत्तरको satranji. A गर्सेचा galaicha or गर्नोचा galācha is a thread mat. चरी chatti in South Bhagalpur is a canvass mat, and चाली chāli in Gaya is a coarse kind of mat made of bamboo slips tied together.
- 751. चटाइ chatāi or चटेनी chataini is a mat made of various reeds or bamboo slips. A गोनन्दी gonri or गोइन्दी gondri is made of the gond reed. In Patna, Gaya, and the south-west एक saph is a long gond mat used when a number of people are assembled at a marriage, &c. In the north-west it is चादा dhārha, in South-East Tirhut चटान chatān, and in North-West Tirhut चटान barhattha. A नदाय tarāy to the east is made of palm leaves, and a नदी tarāi in Champaran of reeds. चिन्नच्याटी sitalpāti is a fine mat for sleeping on in the hot weather. When a number of Musalmāns say prayers together on one carpet, it is called चानिनाच jānimāj, or in South Munger चानिनाच jāynemāj; and when on a mat, it is called चानिनाच jāynemāj.

## CHAPTER III.- JEWELRY.

752. The following are some of the varieties of jewelry commonly worn:—

## .a.-Worn by Men and Boys.

- 753. On the ears.—बाजी bāli or (in Shahabad) बारी bāri. This is a ring. Also the कारी kanausi (Patna and Gaya, where it is worn by Hindus only). Other ear pendents are मोती moti, गोखुजा yokhula (and to the west also गोरन्सुज yorkhul) (an ornamented ring), कुण्डल kundal (a large ring), जोर lor (worn principally by Goālās), and कन-वाजा kanbāla. चोना some is a plain ear pendent, and चनी anti is a plain stud fixed in the lobe of the ear. जिर्जी phirki is a double gold ring.
- 754. On the arms.—The बाँक bānk and चौकन्टा chauktha are worn on the right upper arm. So also the विजाय bijāwath or विजीय bijāwatha, which is, however, more properly a female ornament. The चनन anant and नावीज tāwij are various kinds of amulets.
- 755. On the neck.—The माना mala is the bead necklace. The उद्दार udrāchh is one made of the seeds of the बद्रार rudrāchh (Eleocarpus ganitrus). The कण्डा kantha is a necklace with gold and silver ornaments or sacred relics attached to it. The मृगना mungwa is a coral (स्गा mūnga) necklace, and the मोर माना mohar māla or मोरन माना mohan māla is a long necklace of gold mohars and coral. The गोप gop is made of twisted gold wire, and it is also called चुनन्सी ghunsi in Champāran, North Tirhut, and South Munger. The चिक्रनी sikri is a long chain going round the neck.
- 756. On the fingers.—This is अँगुडी anguthi, एँड्डा ainthua (Gaya), or भौडी aunthi. The गोर्ड धन्हारी gorakh dhanhāri or गोर्ड धनारी gorakh dhandhāri is a puzzle-ring which takes to pieces and is difficult to put together again. मुंदरी mundri is a ring worn on the right little finger. गोड gol (Shahabad) and फेरडा pherua (Patna and Gaya) are kinds of rings.
- 757. On the wrist.—These are पाला bula or (Patna and Gaya) पर्वा balea, प्राची pahunchi, and also (south of the Ganges) प्रवारी pahunchari, कहा kara (south of the Ganges), भेरा bera in Gaya and to the west, जिल्ला jigga in Sāran, महिचा mathiya in South Bhagalpur, and नोहा tora in South-West Tirhut. These are worn principally by boys. तैनी tainti is a kind of amulet in South Munger, Gaya, and Shahabad.

- 758. On the waist.—The chain hung round the waist is बर्ध्व kardhan or कर्ध्वनी kardhani; also इर्ध्या harhara in the east. A kind of belt is जीन्द्रा, and of this जावा jāwa or जवारी jawāri, जॅगन्द्रा langra and जर्द jai, are portions of the clasp.
- 759. On the ankles.—A boy's anklet is गोड्रॉब gorānw, गोड्रॉब gorānw, गोड्रॉब gorānw, गोड्रॉब gorānw, गोड्रॉब gorānw, or कड़ा kara. South of the Ganges we also meet गोड्रचा gorha, धुँद्र ghunghur, or धुँचन्द ghunghru (fitted with bells, used also in Tirhut), and चौराची chaurāsi (when it carries 84 beads).
  - 760. On the toes.— খ্যুৱা angutha is a toe-ring.

## b.-Worn by Women.

- 761. Ornaments for the head.—The ornamented hair-pin is viel chonti.
- 762. Ornaments for the forehead.—The मॅगरोका manglika or बननी banni is an ornament tied in the centre of the forehead by three strings, one passing round each side and the other over the top of the head. They are fastened in the hair. Of this the ornament is called चौकन्दा chauktha, and the strings चिकन्दी sikri. The spangles or wafers gummed on to the forehead are दिक्की tikuli. Another name in South-West Tirhut is चिचन्यू sisphūl or चाँद chānd. In Shahabad चिट्या satiya is a wafer made of embossed paper and gummed on the forehead.
- 763. Nose-ornaments.—The nose-stude fastened on to the outside of one nestril is द्वा chhuchchhi, in South Bhugalpur नकरवरा nakchanda, and in Patna and to the south-west और laung. It is not an easy thing to steal, hence the proverb कराव से सेयर पोराव से kuhāwar lai saiyad, chorāwai lai chhuchchhi,—by name he is a saiyad, but he can steal even a nose-stud. The ring passing through the outside side of the nostril is वय nath. A smaller kind is विश्वा nathiya, and that worn by girls वयवी nathiyai. The व्याव bulāk or विश्व besar is a ring hung from the centre cartilage of the nose, and the स्वावी jhulni is a similar one worn by women of the Rauniyār caste. It swings backwards and forwards, and is ornamented with beads.*

^{*} Nose-ornaments are peculiar to females. If a mother loses a first-born son she endeavours to persuade the demon who kills children that any future boys born are only girls, and hence not worth killing. To do this, she often makes the boy wear nose-ornaments, and calls him by some nickname, as Bulāki (wearer of a nose-ring), &c. There are other similar customs, such as giving opprobrious names to such sons who are born after the death of a first born, which it would take too much space to mention here.

- 764. Ear-ornaments.—Ear-stude fastened to the lobe of the ear are करन-पूज karanphul or कन-पूज kanphul and खोटाजा kholla, or in East Tirhut खुटन्डा khutla or खुडी khutti, to the north-west खुटन्डी khutli, and in Gaya and Shahabad खटिखा khutila. The कवेंची kanaili is a stud worn on the cartilage just where it leaves the head under the hair. Rings worn in the lobe of the ear are are bali, and those worn in the upper part of the cartilage saven uturna. Broad plates worn across the ear are पान pat, पना patta, and नरकी tarki. A smaller kind worn in Gaya is called गोलन्य golwa. Amongst pendents are the भूसक jhumak or भुसक jhummak, which has two round pendents, and the निमानिसया jhimjhimiya, which are flat The सक्रिया machhariya is a pendent shaped like a pendents. fish. In South Munger it is called महिल्या machhaliya. The जोर lor and aniti kanausi form a set of ear-ornaments. The first are round plates with a square cut out of the inside, forming a kind of ring with a square inside. One of these is hung in the lobe of each ear. The latter is a ring. One is hung in the upper part of the cartilage of the right ear, and two in the upper part of the cartilage of the left ear. When a hole bored in the ear for an ornament is not in use, it may be filled up with a plug, called sa thek. When the ornaments worn are too heavy for the ear to carry without tearing, a chain is fastened round the ear so as to support the heavier ornaments. This is called funtil sikri. Other ornaments for the ear are als bir (Tirhut), and kamp, and cafa-at khubiya in the south-east, and faminal bijli in Patna and Gaya.
- 765. Neck-ornaments.—The चन्दर दार chandar hār is a long chain. A नार्वाच tāwij is a similar one with an amulet attached. A set of three chains of various lengths is तंचारी telri, and also to the north-west तिचारी tilri, of five chains प्राची pachlari, and of seven chains प्राची satlari. The चिकारी sikri is a long chain, and the बढ़ी baddhi is a long chain crossing the chest and going behind round the body. इमेच humel is a necklace fitted with bells. Bosses tied to the throat are प्राची champa kali, याज्य jugnu, and बोचाना चौकी dholna chauki. The last is principally worn by the bride at a marriage, and is the first ornament put on before the marriage ceremony. The प्राची hansuli is the solid necklet open in front which goes round the neck, and the नवस tawak is similar with pendents in front (worn by Musalmāns). इति sūti in North-East Tirhut is a kind of neck-ring.

galsatka, गरावानी gardawāni, and गरावी garsi, are various neckornaments used in Gaya. Other neck-ornaments are चित्राचा (SouthEast Tirhut), करेगर katesar (Champāran, Patna, and South
Bhagalpur) or करावर katsar (Tirhut and South Bhagalpur), and
चित्रचा khambhiya (South Bhagalpur). पार hār or परावा harwa is
the general term for a necklace, and मोनी माजा moti māla is a pearl
necklace, or one made with beads of the shape of pearls. जानी
lalri and परापन darpan are two ornaments worn on the breast in
Gaya and South Bhagalpur. A किन्न haikal, or in Champāran
किन्न hailak, is a long necklace composed of flat pieces, generally
nine in number. When a man marries a second wife, an ornament
is made representing the first wife, which the second wife wears.
On the first occasion on which the second wife applies vermilion to
her hair, she first puts some on the ornament before applying it to
herself. This ornament is called चौतिन sautin, or in South Munger

- 766. On the clothes.— मनोरी manori are ornaments on the voil (सारी sări), and जॅनरी anchri on the hem of the sheet.
- 767. Arm-ornaments.—The following are worn by all classes. Highest up on the arm is the बाजू bāju, or बाजू बन्द bāju band, which is a wide armlet. Below it the famine bijawath, famine bijāeth, or fasitat bijautha, which are five ornaments strung together; below that the fareal birkhi, which is smaller. Another name is बिरंडी birenti. Below this comes the बॉक bānk, made of one piece. It is worn by Hindu women on the right arm, but by Musalmans on both. Lowest down comes the THET babbunta, or to the west THE bahunta, of five pieces and round. Arm-ornaments worn principally by Hindu women are sam anant and six tar or star tariya. Similar to the last is also another ornament called and bahutta. Engl sikri is a chain worn on the upper part of the arm. अविद्या jhabiya is a kind of inverted cup hanging from the arm, and to which bells (बचन्दा bachwa) are attached; and दुखी ghundi little ball pendents hanging from the बाजू bāju or from an अभन anant. सुनी mundhi is a clasp. Tell barekhi in South-West Shahabad is an arm-ornament worn by women of the Goala caste. Arm-ornaments worn principally by Musalman women are,—on the upper arm, जीवन jausan, पान pât (a flat piece tied on), and awar bajulla, or in Saran fawfin bijuli (worn immediately below the  $\overline{aig}$  baju; and on the forearm  $\overline{aig}$  naunage or (in North-East Tirhut)  $\overline{aa}$  nabgrah of (nine stones). An

rnament worn on the back between the shoulders is called by Hindus पान pān or पनःवा panua, and by Musalmans वजनःदार balamtār.

- 768. Wrist-ornaments are कॅकना kankna, कॅकनी kankni, or कॅमना cangna, or in Champāran ककना kakna, कचना kachra (Gaya and the outh-east), कतन्या katva (Gaya and the south-east), कतन्या katva (Gaya and the south-east), किमना katri, कॅचीडी cansauthi (Gaya and the south-east), किमा jigga, टोइंग chūri (bangles), कन chhan or ट्रिंग chhand, जर्र jai, जिम्मा jigga, टोइंग tōra, तिनन्त्रक्षी tinkhandi, तिनन्त्रमा innaga, तिस्थीटा tisiauta (Gaya and the south-east), नसुरी naghuri or विश्वर tisiauta (Gaya and the south-east) समुरी naghuri or achkhandi, परेखा pachhela or पर्वेखिया pachheliya, परःरी patri, परःचा atva, परुची pahunchi, वृंद्वरी banguri, वर्ष्या barhara, or in Gaya वर्ष्य arhar, and in Champāran वेखारा belahra, वाखा bāla, वॉच् bānhu, वरा एक्य, वेखा baunkha (Gaya) (made of thread), मिट्या mathiya, व्योडी upauthi (Gaya and the south-east), and खमुरी laghuri (see नमुरी aghuri). The समन्देवन्द samseband is a keeper worn on the wrist to revent the च्रा chūr falling off.
- 769. On the fingers.—A ring is अँगुडी anguthi. A round solid ing is इक्का chhalla. Other names are भौडी aunthi and एँड्रिया ainthua. The गोरख बन्हारी gorakh dhanhāri, &c., is the same as that worn by ien; so also the गोस gol and फेरबा pherua. Other rings are जन्मिक्टिया tinchhaliya, बन्दानी bahloli, अँगुसाना angustāna, भारासी ārsi which has a small mirror attached), मुँदारी mundri, स्रोभेन्या lobherua south-east), दरम्याबादी daryābādi (ib.), पथारीटी pathrauti (ib.), चिरोगिया tiraugiya (ib.), अँगुसान ankhua (South Bhagalpur), मयानी mathāni South-East Tirhut), बदामी badāmi (Tirhut), पोर por (ib.).
- 770. On the waist.—Waist-chains and bands are करण्यनी kardhani, मरन्कस kamarkas, भव्या jhabba or भविया jhabiya, गठौरा gathaura, चॅवरा mwara, कोचन्बन kochban, कमरन्जेव kamarjeb, सीपी sipi, जाफन्री japhri. he कोचन्की kothli is a kind of pocket tied to the waist.
- 771. On the feet.—The ornament fitting on the aukle and covering and fitting on to the upper part of the foot is पाँच जीव pānw jeb. Like it e पावट pāwat, पेरी pairi, and पाँच चक्र pānw sankar. Over this comes to कर्न charra or कर्ना chhara, a number of fine rings like the पूरी खेंगा on the arm; over this again the कर्न kara; and at the top the chūr. The पेंजानी painjni are anklets with bells; so also किंकिंगा inkini and पूच्च ghughuru or पूच्च ghunghuru in Gaya and North-East irhut.

772. On the toes—are चेंगुडा angutha and चना chhalla, which are rings. An ornament fitting over all the toes is चिचिया bichhiya. In Gaya and the south-east पद्री baturi is a toe-ring to which bells are fastened.

#### SUBDIVISION IV.

## APPLIANCES USED IN WORSHIP.

- 773. The appliances of a Hindu temple are as follows:—The witer at asni is a sort of mat made of kus grass, wool, &c., for sitting on.
- 774. A spoon for throwing water on the lingam is known as बांचनमंद्री āchmani; also बचनमंद्री achmani in South-West Shahabad, बंदीना anchauna in Gaya, बंदीनी anchauni in Sāran, and कसन्त्री kalchhi in South Tirhut.
- 775. The जल-पातर jalpātar is a vessel in which water is kept, and a smaller kind is पंजनातर panchpātar. The जल्मा argha is the saucer made of stone or metal in which the stone representing the lingam is placed. The पाँड़ी pinri or जिल्ली pindi is the platform on which the lingam is placed. Other names are जलाइ sarāi (optional) in South-East Tirhut, जोरा chaura in South-West Shahabad, and जलाइ jakhār in the rest of that district.
- 776. चव्हा ghanta or बड़ी ghari, also south of the Ganges चव्छ ghant, are gongs or bells, and the विकासक bijghant is a kind of gong with erect edges. चव्हा ghanta specially means a bell; जॉक jhānjh (amail) or काल jhāl (large) are the cymbals. चक्न sankh is the conch.
- 777. The idol is ब्रास murat, also सुरन्ती murti in South Bhackpur, and पारन्यत pārkhat optionally in South-East Tirhut. Its is चिंगापन singāsan or (in Patna and Gaya) चिंगापन singhāsan.
- 778. चोरन्सा horsa, or in the south-east अरम्बा harea, round stone for grinding sandal-wood (जन्म chandan). Another is चंदन्तीया chandrauta. The vessel in which the ground sand is placed is करोरी katori.
- 779. The censer is north of the Ganges भूपन्दान की Patna and Shahabad भूपन्दानी dhupdani, in Gaya भूपकार्थी and in the south-east भूपेड़ी dhuperi.
- 780. The दिपन्दान dipdan, दिपन्दानी dipdani, is the holding only one lamp or wick. One with four or five called चारानी drti.

- 781. The द्वार की sumirni north of the Ganges and द्वार की sumarni south of it is the rosary of nineteen beads. In Champāran and Gaya it is also देनेर sumer. माजा māla, or in Sāran and Tirhut करकारण karmāla, is a similar rosary of one hundred and eight beads. द्वार की sumarni, &c., are also used for the large bead at the end of a माजा māla. A-कापनाचा jāpmāla is a large rosary containing as many as a thousand beads. The प्रदोक की ashtotri or प्रदोक की athotri is a rosary which is kept in a small bag called भोरा jhora. Into this bag the worshipper puts his hand and turns the beads. The प्रदास rudrāchh is a rosary used by worshippers of Shiva, as in the proverb पापक करें प्रवर्ग, प्रक कर प्रवर्ग के के pak gare mungri, pūtak gare rudrāchh,—the father has a club on his neck, and the son a rosary, i.e., the father is a scoundrel and the son a devotee.
- 782. The समा tūma, तुमा tumma, or तुमा tumba is the hollow gourd carried by religious mendicants (साधु sādhu or नोजी jogi). It is also called कठारी kathāri or साजर sāgar in Saran and Tirhut. The तुमाही tumri is a small gourd. The कमस्य kamandal is a similar vessel used for drawing water in a temple. A उत्य कमस्य dand kamandal is a similar vessel made of metal (brass, copper, gold, &c.)

#### DIVISION III.

#### SOILS.

#### CHAPTER I.—CLASSIFICATION OF SOILS.

- 783. Soils may be classified—
  - (a) According to their distance from the village site.
  - (b) According to their constituent elements.
  - (c) According to the crops for which they are prepared, or which they usually produce.

# CHAPTER II.—SOILS CLASSIFIED ACCORDING TO THEIR DISTANCE FROM THE VILLAGE SITE.

- 784. The concentric circles ( halka) are generally, but not always, three in number. The nomenclature and division differ according to locality.
  - (a) The belt near the homestead, which is better manured, more carefully cultivated, and adapted for superior kinds of The homestead is called warel abadi, she dih. वसन्ती basti; and the belt of land गाँएंड goënr, गाँएंडा goenra, गोँडा gonrha, or गोँडा gaunrha or बाध bādh; also कोरार korār in Patna and to the west, विश्वास dihāns (Shahabad, Patna, and Gaya), घरन्वारी gharbāri in Patna and South Munger, and बाड़ी bari in South Bhagalpur. The land actually in the homestead is specially called she dih, विश्वीय dihāns, or (in Tirhut) भीडा bhitha, and in Champaran wie bhith. The dih is properly an old village site or mound. If there are two clusters of dwellings of the same name some distance apart, the older one will be called six dih. watel abadi is properly settled or cultivated land. The land near the village which receives the drainage of the houses is nivia gohan in Shahabad.

- baharsi to the west and in Patna and South Munger.
  This belt is also called चरेच sarch to the south-west as long as crops are standing on it. It is also called नामी tādhi (Champāran), चरान्सू baharbhām (Sāran and Tirhut), टास tāl (South-East Tirhut), विचार bahiyār (North-East Tirhut), and विचार baihār (South Bhagalpur).
  In Hazārībāgh it is called चिन्ना singha.
- to the west, also are baharbhūm in South Munger. So that the second and third belts are only considered as one. There are also, however, separate names for the third belt, viz. siş tār, sīṣ tānr, or sīṣī tānri, which is used to mean high extensive wastes of infertile or gravelly soil, or of hillocks and ridges such as are found in Gaya, and are chaunr, which means low open marshy country. In South Bhagalpur with bhītho is the land far from the village site which only produces bhadoi crops with much labour, and a still further circle is are baran, which bears no produce. In Sāran and Tirhut are diyar are the fields situated on the further side of a river, or islands formed by rivers.

# CHAPTER III.—SOILS CLASSIFIED ACCORDING TO THEIR CONSTITUENT ELEMENTS.

785. Sandy soils.—वाका bāla or बल्चा balka, बल्च्य balkhar (North-West and in Patna and in Gaya), बल्च्या balkah (South Bhagalpur), and बल्च्या balkhūs (Champāran), are soils principally composed of sand. Sandy loams are बल्च्या balsundar or बल्च्या balsundri, with local variants बल्च्या balsun or बल्च्या balsumhi in South Tirhut, बल्च्या balkasi in South-East Tirhut, and बल्च्या balsum in North-East Tirhut. They are also called बल्च्या baluat to the west, and बल्च्या balimat in Shahabad. North of the Ganges and in South Munger बल्च्या balua is land with sand on the surface and clay at some distance below. In Champāran and South-West Tirhut पूज dhūs or पूजी dhūsi is an arid and sterile soil consisting of an admixture of sand and clay. A loose sandy subsoil, in which a clay well will not work, is बँगा benga or बल्च्या bengua. In South-East Tirhut it is also

ह्यानी bhusni. In Shahabad भीष bhīs is fine compact sand, and बासा

- 786. Clayey soils.—The principal is महिचार matiyar, or in Gaya ादिगर matigar, which is a brown clay soil, well adapted for rice. It contains about 60 or 70 per cent of clay. A stronger kind, 30ntaining about 85 per cent, is called केवास kewāl. This is also salled acre karar in the south-east. Acre kewal in South Munger s of three kinds, viz. करन्का karka, which is black; गोरियहा poriatta, which is yellowish; and चनन्की chanki or गगन्दी केवास gagri kewal, which is mixed with fine gravel. This last is also called 19-1 Eq. pathratiya in South Bhagalpur or (when it is of a reddish colour) गाँउ दिया प्यानीटी gorentiya pathrauti. In South-East Tirhut बेबाल kewal is of two kinds, viz. गोरी केबाल gori kewal, which s light-coloured, and नेलिया केवाल teliya kewāl, which is dark. karail to the west is a bluish-black soil, which contains more rganic matter than महियार matiyar. In Shahabad it is divided into wo kinds, viz. बाँगर करेंच bāngar karail, which is apt to crack on lrying, and star ate doma karail, which is of a more bluish colour han the other. A clay which feels greasy when rubbed in the hand s called दूषी dudhi or चिक्कन मिही chikkan mitti or चिक्कनी मिही chikni nitti; and ससुरी bhusuri (west) and कचीच kachaus (east) are clay oils which soon dry on the surface. रखोर rakhaur is a similar oil mixed with ashes, which is called in South Munger water husurāhi. चमन्ती chanki, or to the west चित्रन्ता sigta, are hard soils, which split and crack when dry. In Patna and Gaya कडुरवा kachhuiya 3 a loose clay met in digging wells. जलकी मिही lalki mitti north f the Ganges, नेक geru south of it, and काविस kābis in South-West hahabad, is a red clay. जरम naram, and also to the east खरम laram, nean soft when applied to clay. North of the Ganges, to the west, and in South Munger, अवस्थार akrāh is a hard clay soil mixed with ne gravel. In South-East Tirhut it is बराडी chharāhi. रोदियाड oriyah or treat rorha is land which goes into hard lumps the size of ggs after preparation. कुमन्दीनी kumrauti, or in Säran कुमन्दीनी kumrauti, and in Tirhut कारी माटी kāri māti, is potter's clay.
- 787. Loamy soils.—The चन्न chahal or नहीं kadoi is that which never drier than mud, and in which crops are planted without loughing. उन्हों dhabri or दान dhāb is land which is part of the year nder water and part of it dry. दोर्च doras, or (in Patna and Gaya) तिस्ताची dorsahi, and (in South Bhagalpur) परस्त्रीती parsoti, and also

पॅचन्द्रेस panchkatail in Tirhut, is a clayey loam; while वजन्दर balsundar (see sandy soils for other names) is a fine sandy loam. In Champāran वसन्त्री babhni is a light red soil.

#### CHAPTER IV.—SOILS AND WATER ACTION.

788. Land thrown up by fluvial action is 7 * 4474 gang barār (also spelt बहार barār), and that cut away गुज विकस gang sikast. जारन chhāran is land left by the retrocession of a river. zts tanr in South-West Shahabad, and परन्पर patpar in South-East Bihar, is newly-formed land so situated as to receive an annual accretion of alluvial deposit; but in Saran and South Tirhut परन्पर patpar is barren alluviated land. Saran HTHH māmas is rich alluviated land. In Tirhut, Patna, Gaya, and the south-east नरी tari means moist soil in hollows and at the foot of slopes. It also even means water. Thus they say, 'Are you going तरी tari (by water) or खसन्ती khuski (by land)?' In Saran तरन्यानी taryāni is similarly used. उरी tari is also applied to lands recovered by retrocession of a river. In Shahabad they are wrong bhagar, and in the south-west of that district fee-effect chhichhlahiya. They are also called भारन chhāran. दीयर diyar or दियारा diyāra is fresh land thrown up by the shifting of the course of a river. In Patna, and also in Champaran, it is called fever diara, in South-West Shahabad start dila, in South Munger दौरा dira, and in South Bhagalpur दौरा dira. The alluvial deposit left by rivers while still wet is called met kadui, Talk kadoï, or ula pank or un pank (see § 789). Land rendered useless by deposits of sand is called anti ute kora bal (in Saran) and water balan (North-West Tirhut).

## CHAPTER V.-MUDDY AND WATER-LOGGED SOILS.

789. Land in the bed of a tank is in Patna and Gaya नरे tari. In Shahabad it is नाम kinch, and to the west generally कानो कियह kāno kichchar. Marshy or muddy soils and quagmires are भार bhās and द्यान्ती dalki to the west and in Patna, and the latter also in Gaya and South Munger. In Tirhut, Sāran, and Patna they are daldal, in Patna and Shahabad पॅयान्स pankha, and in the southwest of the last district जैन्स्स khanchra. Lands usually saturated with water are प्राथम panmār north of the Ganges, स्वास्त sugra in South-

Vest Shahabad, चिंदा sinrah in the rest of the district, चिंदा siraha Patna and South Munger, चीदा sira in South Bhagalpur, nd चेन्स seut in Gaya. घरना dhasna is land liable to be submerged. t is called गींची gaunchi in Gaya and जानको jalki in South-West hahabad; in South Munger it is गींची gaunchhi. The old dry bed of river is बारन chhāran or (in North Tirhut) मरन maran. Other ames are बाँद bānr in Patna and Shahabad and जार jhor in the outh-west of the last district. पाँक pānk, पाँको pānki, or पण pank is arth wet and soft so as to yield to the tread, adhesive and rotting. Jothing will grow in it. बादो kādo, कदोद kadoī, or कदर kadaī, is nud in which crops will grow.

## CHAPTER VI.-HIGHLANDS AND LOWLANDS.

1900. Highlands, as contrasted with river valleys, are अपरचार uparwār in Patna and to the north-west, अवराम baharbhām in South Pirhut, and अवरार uprār in East Tirhut. South of the Ganges उत्ती dihāns is used in Patna, दाँच tānr in Gaya and South Munger, तेच dil in Shahabad, and बीच dih in South Bhagalpur. In Hazā-nbāgh other names are अवास uchās and दीवर dhībar. In South Munger बाद gād is the corresponding word for a lowland. भीच ihil or चौर chauñr, or in Sāran बाद kāchh, is low marshy land. In Patna, Gaya, and South Munger it is जाद jāh. सन man is a large sheet of water of considerable depth, and in Tirhut जान jān is similar but something smaller. जात khāl, खल्या khalva, or in the north-west बनार khalār or बाद khalhar, is a hollow with or without water.

## CHAPTER VII.—RAVINES AND MOUNDS, &c.

- 791. Land cut by ravines and broken ground is fare bihar or (in Gaya) alter bihanr. In South Bhagalpur it is arian. The elevated soil in the midst of ravines is and dhuh or and dhuhi in South-West Shahabad, and south Munger, and the tikkar in South Bhagalpur.
- 792. In Patna, Gaya, and South Munger 2 yar tañrua or wat nala is a ravine. The latter word is also current to the west, and is only used when the ravine is also a water-course. In the south-east

Uneven ground is जार बागर ubhar khābar to the north-west and in South-East Tirhut, and महत्त्वा matha or जार dābar (also in Champāran) in North-East Tirhut. South of the Ganges we have जार बागर ūbar khābar in Patna, Gaya, and South Munger (also noted in Saran), जेन बान ūnch khāl in Patna and to the west, जन्म बान ūkhar khābar in Shahabad, and जन्मी uchli in South Bhagalpur. A high river bluff is करारा karāra, बरारा arra, जरार arār, बरार arāri or जन्म kachhār or जन्म kachhāra. Other names are जान dhāh (north generally) and कॅगनिया kanganiya (North-East Tirhut). The sloping bank of a river is in Shahabad नर्जियार tarsiwāi, and in South Munger नरि tari.

793. A mound generally is दिल्हा tilha, or in South Munger दिल्हा टाकर tilha tākar. In South-West Shahabad it is दूस dhūh, दूसी dhūhi (also in Sāran), सोस dīl, or दिका dilla, in the rest of that district टीपुर tīpur, and in South Bhagalpur दिकोर tikor or दिकर tikkar. In South-West Shahabad पटारी patpari is a hill with a flat top. The sites of ruined villages are बीस dīh; also भीदा bhītha in South Munger. The sites of old villages are often covered with potsherds, hence such sites are also called दिकराष्ट्र thikrāhu in Patna, दिकरोस thikraul in Sāran, दिकारोस thikariya to the east, भिकारोर jhiktaur in Patna, Gaya, and Champāran, सिकर्शेर sikraur or भिकारोर jhiktaur in Shahabad, and भिकारिया jhiktiya in South Bhagalpur, the words for potsherds being भिकारा jhikta, भिकारो jhikti, or टीकर thīkar or दिकारा thikra, also सिकर इंग sikra in Shahabad and भिकार jhikta to the west.

#### CHAPTER VIII.—STONY SOILS.

794. Gravelly soils are कंकराणी kankrāhi in Sāran and Patna, क्रिक्स ankrail in Sāran, and क्रिक्स ankraur to the west. Gravel generally is in Patna and to the west क्रिक्स ānkar, and to the east क्रिक्ट gangat; also everywhere क्रिक्स kankar. In Champāran and Tirhut it is क्रिक्स inkri, and in Champāran and Gaya क्रिक्टो jhikti or कर्केंग्र garāngat. Coarse gravel is in Shahabad क्रिक्स ankra, and fine क्रिक्स ankri. To the south-east it is क्रिक्टा gangta and क्रिक्टो gangti. Soil mixed with coarse gravel is क्रिक्टा gangtiyāha in Patna, Gaya, and South Bhagalpur, and क्रिक्टा gangtāha in Patna and South Munger. क्रिक्टी chatān is a hard rocky soil. Other names are क्रिक्ट dohar in South-West Shahabad, and क्रिक्ट pathrehar in South Munger.

#### CHAPTER IX.—CULTIVATED AND WASTE.

- 795. Classifying soils according to cultivation, we have cultivated ad known as चवाइ abād or चवादी abādi. It is also known in the ath-east and Gaya as पष pah, in Patna as चीच चैटाचोस khīl baithāöl, d Shahabad as विस्नामार khilmār.
- 796. An inhabited village is बच-गित basgit or बच-नी basti, and a serted village वे अपर be chhappar (unroofed), and also in South unger निविद्याको nichiraki (without a light) and in Gaya दम-का mka. Other names for the latter are उजाइ njar, उजा-इस njral, उजा-इस njral vira or (optionally in Tirhut) जी दियों।
- 797. Waste land is परीन parit (Patna, Gaya, and South Munger) परन्ती parti. Land which has accidentally gone out of cultivation specially परान parat in Saran, पराना parata to the north-west, and तेन parant or परना parta in North Tirhut. Waste land broken for the first time is बीख khil, or in the south-east खिल्ल्बर khilkat खिल्ल्बर khilkatti. In Tirhut it is also called खिल्ल्बर khilmat. to second year after it is broken up it is बीख khil to the north-west, pah in Tirhut, Shahabad, and the south-east, and पीच pauh in tha and South Munger. The third year it is called खिन khet or Champāran) परी pahi, and North-East Tirhut पर pah.

#### CHAPTER X.—FALLOW.

- 798. Land left fallow for sugar-cane from the previous spring rvest till the season for sowing the cane is called ware maghār, ., see § 805. Land left uncropped in the autumn harvest and bughed during the rains for the cereals of the spring harvest follows is alway chaumās, and to the west also view palihar. Those lands which a spring crop is sown without any interval after the autumn p is cut are called and nāri in Patna and South Munger, and and i or and hari khet elsewhere south of the Ganges and in Sāran. aste lands which are ploughed up during the rains and cold weather d sown in rice at the commencement of the next rainy season are led that the data chaumās in North-West Tirhut, and sajānr South-East Tirhut, fast birār in South-East Bihār, and har in the south-west.
- 799. Lands left fallow for a time to recover their strength are जी parti generally. Other names are परना parta in North Tirhut

and बॉब chânch in South Bhagalpur. Land which never lies fallow is खबाद abād or खबादी abādi. Another name is खडानी uthti in Champāran. North of the Ganges बजी rulli or (to the east) बजी runni is poor light land which requires to be left fallow for a year or two. It also means land which has lost its fertility. Other words in use are जून jhūs and बजुक haluk to the north-west and in Patna, जूनो jhūsi in North-East Tirhut, कोही korhi in Patna, बॉब chhānchh in Gayā, बॅगराइ bangrāh to the south-west of that district, विशिया कोही tiliya korhi in South Munger, and बजुनी algi in South Bhagalpur.

#### CHAPTER XI.-RICHNESS AND POORNESS OF SOIL.

800. बरियार bariyār or गइन्स gahra, or in South Munger जेयर jaiyad, is the general term used for rich soils. Others are जीगर jigar (Patna) and जोचा chokha (North-West, Gaya, and South Munger). Poor soils are चलुक haluk (North-West Bihār), रजी runni (see § 799), नगन्नाच tapnāk (North-East Tirhut), and उस thas, प्रवार abbar (also in Chāmpāran), or उसउ usath south of the Ganges.

## CHAPTER XII.-IRRIGATED AND DRY LANDS.

801. Land artificially irrigated is परोचा pataua or परोद्दे pataui to the west. Other local names are परोचा patauna South-East Tirhut, and पराचार patāöl North-East Tirhut and पराचार patāble North-East Tirhut and पराचार patāhuān in Shahabad. In Gaya it is प्याचित्रेट hathghiset, and in South-West Shahabad भरेंचा bharaiya. Land irrigated from tanks or ponds is चानन chhānan in Sāran and Patna, चोर phor in South-West Shahabad, and elsewhere south of the Ganges चेन्याची melwāni or (South Bhagalpur) चेन्याची melāni. When irrigated from wells it is चोरावाची motwāhi to the west. Unirrigated land, or land which does not require irrigation, owing to its being, or its capability of being, flooded is प्याचा apta. If watered after ploughing, it is चिर्वाची chhirikni to the west, पार्ची pachauān in South-West Shahabad, and पार्चीचा panaula in the rest of that district. चिप्तिची nipaniyān are in Patna unirrigated crops. In South Munger lands which require irrigation are चार्या na, and there and in Sāran those which produce crops without irrigation are चार्या halhi.

# CHAPTER XIII.—LANDS WHICH RETAIN AND WHICH DO NOT RETAIN MOISTURE.

802. This is the division most common amongst natives themselves. The moisture in land is दास hāl. Land which does not retain it is बॉगर bāngar, and that which does is भोड bhìth, or in North Sāran भाड bhāth. Under these divisions come other subdivisions, such as बसुषा बॉगर bāhua bāngar (which is sandy), महिद्याद लॉगर matiyār bāngar (which is clayey), and so on, and बसुषा भोड bāhua bhīth, महिद्याद भोड matiyār bhīth, and so on. Crops on bāngar lands cannot be cultivated without irrigation, and the expense of cultivation is therefore greater, but the yield more than compensates the outlay, being a third, and sometimes double the amount of bhīth produce. The latter lands are sometimes irrigated and sometimes not.

# CHAPTER XIV.—LANDS BEARING A SINGLE AND A DOUBLE CROP.

803. Lands which produce only one crop in the year are प्रकरमिसा ekphasila or प्रकर्णसिसी ekphasili. In Champāran they are called प्रकर्मसिसा eksaliya. चीमास chaumās lands (also called पिलस्स palihar to the west) are kept free from crop during the rains, and tilled for the cold weather crop. Lands bearing two crops in the year are दोफिसा dophasila or दोफिसी dophasili, or in Champāran दोफिसा dosaliya. In South Bhagalpur they are दोसास dosāl. Land on which crops are grown all the year round is निमाम dosāl.

## CHAPTER XV.—TERMS USED IN CONNECTION WITH DIF-FERENT CROPS.

- 804. The following terms are used in connection with different crops.
- 805. Sugar-cane.—Land prepared for this crop is उचाँच ukhāñw or उचाच ukhāo. Land constantly ploughed for cane or any other crop from Asārh to Māgh are समान maghāt in South-East Tirhut, समाइ or समार maghār in Sāran, Patna, and South Munger, समादा maghra in Gaya and the south-west, and समुद्धा maghua in South Bhagalpur. Land under cane is उपारी ukhāri in Shahabad. जनस्म jathhan in South Munger is land cropped in the previous year with cane.
- 806. Cereals.— Telesti harjinsa are those lands which grow all crops except transplanted rice.

- 807. Garden crops.—Land suited for growing garden crops is कोरार korār in Patna and to the west and कोरियार koriyār in Patna and Gaya. Other names are कोरॉड korānt (South Tirhut), केरियार kairiyār (Shahabad), बारो bāri in Tirhut, and खतियानी latihāni in South Munger. These names apply rather to the use to which the land is put than to the kind of soil, most of them being connected with the word कोरो koïri, which is the name of a well-known caste of garden cultivators.
- 808. Cotton.—In Shahabad the following kinds of land are suited for the various kinds of cotton:—

Cotton.						Land.
(1) रहिया rarhiya				•	•	ata karail.
(2) दंदन्य banrchha			•	•		बोहार korār.
(3) <b>चोवन्ती</b> hewti	•	•	•			षरियार bariyar.
(4) मनन्वाँ manwān				•	•	मद्ग्वाँसी nadwāñsi.
						_

- 809. Pulses.—Land under gram is called जैना chaita in South Bhagalpur.
- 810. Matzes, millets, &c.—Land under these crops is start dotura north of the Ganges. The word means properly land in which both a rainy season and a cold weather crop can be sewn.
- 811. Spring crops.—Light friable soil suitable for these crops is called with or with ohitha, also in Gaya water bhithara. See, however, § 802.
- 812. Rice.—Rice land is घमन्यर dhanhar. In Gaya it is called धन विद्यारी dhan kiyāri, and in South-West Shahabad धनन्यर dhankhar.
- 813. Land under trees, brushwood, &c.—Forests are बन ban or जाइस jangal. A grove is बनेचा bagaicha or नाची gāchhi. बान bāg is a garden, and बनिया bagiya an orchard. प्रस्तानी phulwāri is an orchard, enclosed, irrigated, and stocked with fruit-trees. A खाने बान khāne bāg in Champāran and Patna or बजर बान najar bāg in Gaya and Shahabad is a grove attached to a shrine or other building, and growing flowers as well as fruit.
- 814. A mango grove is चाम ने बनेचा तेण ke bagaicha, or in Tirhut नाची gāchhi; a clump of bamboos is बाँच के कोडी bāns ke kothi in the north-west, बंबन्बारी banswāri north of the Ganges generally, and बाँच के bānsak bīth in North-East Tirhut. In Patna it is बच्च baser, in South-West Shahabad बंबन्बार banswār, and elsewhere south of the Ganges बचाइ basār. In South Bhagalpur it is also called बोडो bīto, and

in Tirhut बोच odh. A young grove of fruit-trees is नमुनी gachhuli north of the Ganges, also नोराची naurāhi in Champāran, नरोर naroï in Champāran and Tirhut, and सब महुनी lab gachhuli or नव नमुनी naw gachhuli in Tirhut. Another name is नव पेड़ा naw pera. South of the Ganges it is जीनाची laugāchhi to the south-east, केड़ब्बारी kerwāri in Shahabad, नरोर naroïn in Patna and South Munger, and नीवेड़ा बनीचा naukera bagaicha in Gaya. A belt of trees on either side of a road is पाँची pānti or पविचारी pantiyāri, and also प्रवर्गीय lakhrānw to the west and पाँचा pānta in Tirhut.

815. Land producing brushwood is art jhāra (Sāran and Patna) or पन विकसी ban chhihuli (South-West Shahabad). Brushwood is भार ihar, with jharha, or to the north-west and in Patna and South Munger my jhur. Small stunted brushwood is way jhakhuli or was jhakhuri north of the Ganges and in Patna, And raunji in Patna, and भूर-कारी jharkanti in South-West Shahabad. Land producing tall thatching-grass is selt kharhaur or selfer kharhaul, or south of the Ganges चरडर kharáhur. Other names are मुजन्दानी mujwāni, कॅंड्न्यामी kanrwāni in the north-west, and finant munjwān in Shahabad. In South Munger it is with kharaitha. The principal of these grasses are पडेर pater, चर khar or चर्दे kharaī, रारी rāri, डामी dābhi, इचर ikkar or दबन्दी ikrı, मूँच munj or भाजाच jhalās. Of the last, मूँच munj is properly the bark used for making string, many jhalas the leaves used for making rough thatches, after kānra the stout lower part of the stalk used for roof-thatching, and चिरकी sirki the upper or reed part used for making sieves and mats. Reeds are areas narkat, and the land producing them is a carra narkan in Champaran.

## CHAPTER XVI.-LAND IMPREGNATED WITH SALT, &c.

816. Land impregnated with impure carbonate of soda र (reh) is जार एंडवर or उद्धार ussar. Other names are रेगार rehāh or रेगाइ rehār (East Tirhut) and रेग्ग्ग rehra (Pātna, Gaya, and South Munger). जारी khāri or (South Bhagalpur) जारा kharva is land impregnated with sulphate of soda. जोगी noni south of the Ganges is land impregnated with common salt. Other names are जोगियार noniyāh, जोगियारी noniyāri, and जोग्ग्यार nonchharāh. In South-West Shahabad चौष chāmp, and in the rest of the district चौरिक chāndil, is जबर एंडवर land, in which spots of good ground are scattered.

#### DIVISION IV.

## GENERAL AGRICULTURAL OPERATIONS.

#### SUBDIVISION I.

#### PLOUGHING AND HARROWING.

### CHAPTER I.—PLOUGHING AND HARROWING.

- 817. To plough is घर जोतन har jotab, घर नायन har bahab, or घर चलापन har chalāëb. घर नायन har nādhab is properly to yoke the oxen to the plough (also called चरानी larni in Champāran and South-East Tirhut). Other expressions for ploughing are निराधर के घरस sirāur ke dharal or घरिया के जोतस sariya ke jotal in Champāran, पैस घरम pais dharab (or प्रस्थ घरम puïs dharab in North-East Tirhut) in Champāran and Tirhut, and दिश्व घरमान dahin dhareāo in Champāran and South-East Tirhut. One ploughing is चास chās, and in Gaya and to the west also बाँस bāñh: thus, एक बाँस ek bāñh the first ploughing, दो बाँस do bāñh the second ploughing, and so on.
- 818. The first ploughing is called परिन्न पाप pahil chās or परनी pharni. In Gaya and Champāran it is पारन phāran. Lands sown after a single ploughing are भोकीचा bhokaua in the north-west and जोना बाबग jota bāway in Champāran and Tirhut. समाइ जोनच maghār jotab is north of the Ganges and in Patna and Gaya the ploughing in the month of Māgh (January-February) of lands intended to be sown at the next rainy season. In East Tirhut and Champāran this is also called प्राण्य जोनच chaumāns jotab. In Gaya and Champāran it is also ममन्द्र वास maghār chās, in Shahabad ममन्द्र maghwat, and in the south-west of that district क्रम्पर kulhar. In South Bhagalpur it is माने पाम māghi chās, and in South Munger मनाइ maghār. The field which is thus ploughed is विद्यार birār to the west and south and पर pah also south of the Ganges and in Champāran. North of the Ganges it is called जोगाँच chaumāns.

- and Champaran it is also called grid purve. Other names are winter somra to the north-west and unit samār in North-East Tirhut, and dohār in Champaran and North-West Tirhut, and dohrāwan in South-West Shahabad; and the same names are also applied to the field so ploughed. In the south-east the second ploughing is called un chās, and dohrāwar being the third ploughing.
- 820. The third ploughing is तेखार tekhār and also (in Champāran) तेखारा tekhra. To the west it is also तेखारा tekhra. In the south-east it is दोखार dokhār. The same terms are used for the land so ploughed.
- 821. The fourth ploughing is in East Tirhut and Gaya चौचार chaukhār, and in Shahabad, Gaya, and South Bhagalpur चरन्सी charchasi. Elsewhere it is चार चास chār chās; so also the land so ploughed.
  - 822. The fifth ploughing is पामन्यास pānchās.
- 823. The phrase used for successive ploughing is use at the chās, and so on. Theoretically there is no limit to the number of ploughings required for some crops, as is shown in the following rhyme current in Gaya:—

भी चाय गया, पचाय चाय मया, तेकर चाथा मोरी तेकर चाथा नोरी Sau chās ganda, Pachās chās manda, Tekar ādha mori, Tekar ādha tori.

- —A hundred ploughings for cane, fifty for wheat, half that (25) for rice, and half that (12½) for oilseeds.
- 824. The ploughing of millets, when they are about a foot high, is first bidāh, a local variant being first bidāhni in Champāran, West Tirhut, Patna, and the south-east. In Gaya and Champāran it is attach, and in South Munger, when hoeing is substituted for ploughing, it is attach korni. When a rice-field is flooded and then ploughed to kill the weeds, the property is called at leo in the north-west, day lews in Gaya, and attached or actual kadwa to the north-west and in Tirhut. In North-West Tirhut it is called attached.
- 825. In Saran and Champaran ploughing with a plough of which the block is new and full-sized is new and full-sized is new and full-sized is

with one which has a small worn block विशेदों के जोन khinauri ke jot. In Tirhut and also in Champaran the corresponding words are respectively खबन्दा के जोन lawtha ke jot and उँडा के जोन thentha ke jot, and in Shahabad नवदन्दा nawahra and खुँडपन्दा khuntehra.

- 826. In rice cultivation, after sowing, the field is lightly reploughed to clear the weeds and cover the seed. This is called अवार until to the north-west and in North-West Tirhut, अजर gajar in the North-East Tirhut, and असार samār in Champāran and South-East Tirhut. In Patna it is असार samāh, in Gaya विराध birāh, to the west and in Patna and Gaya विराध bidāh, and in Champāran and to the south-east विराध bidāhni.
- 827. The small pieces of the field which the plough has not touched are पेंच pais in Champāran and South-West Tirhut and पुरुष puïs in North-East Tirhut. In North-West and South-East Tirhut and in Champāran they are दिना dahina, and in Sāran and Champāran कुट्य बेस chhūtal khet.
- 828. Cross-ploughing is Ttt āra, or in Champaran and South Bhagalpur चार ar, and in South-East Tirhut चमार samar. When a field is ploughed round and round in constantly diminishing circuits, it is called चौकेटा chauketha or (in Patna) चौएटा chauetha, चारी चास ari chās in Gaya, चौबगन्ती chaubagli in Champaran and Gaya, and चौगडिया chaugathiya or the chauk to the west. In Saran and Champaran it is चौगेड chaugeth, in South Munger भौतिया bhaunriya, and in North-West Tirhut star chauker. The centre plot in the middle, round which the bullocks have no room to turn, is called seems badhar, and this is furrowed by taking the plough across it diagonally from corner to corner. Ploughing from corner to corner is कॉनिया जीत koniya jot or कीन kon. also कोमन्सी konsi in South Munger, कोमसिया konasiya in Champaran and South-West Tirbut, and koni in Gaya, and and and koni koni to the west. When a crookedly-shaped field has to be ploughed, it is called जना जोही जोत una dyorki jot in Saran and Patna and जनाइंडी जोत una derhi jot in Champaran. When a rectangular field is ploughed straight along its length breadth, the ploughing is called with जीत sojhaua jot. Other names current are उद्देश tharhāiñ in Patna and Champaran and star tharhiya to the west. Ploughing breadthways is with phani in Saran and North-West Tirhut, water phatki in Champaran and the south-east, जना जानी una phani in Patna, and जिल्ला phandiya in South-West Shahabad.

829. The following rule is current in North-East Bihar as to ploughing and harrowing:—

धोर जोतिषः बड्डत चँगर्डः, जँच के वैधिषः चार। उपने तः उपने नाचौँ तः वाचे दीषः गार॥ Thor jotiha bahut hengaïha, ünch ke bandhiha är, Unje ta unje nähin, ta Ghäghe diha gär.

- —Plough little, harrow much, and have your field boundaries high. If what should come does not then do so, you can abuse Ghagh (who gives you this advice).
- 830. A harrow is चँगा henga, &c., as described in § 30 and ff. To harrow is चँगाप्रव hengāëb, चँगा चलाप्रव henga chalāëb, or चौको घुमाप्रव chauki ghumāëb. The act of harrowing is in Gaya पास्ट pālat.
- 831. The oxen attached to a harrow have various names. The one on the left-hand side is called पॅचीट panchaut or कुड़-द्श्विना kurdahina, and the one next to him स्थीसा hathaua. The right-hand ox is पेरा phera, or in South Munger असन्ती bhasni.

#### CHAPTER II.—FIELDS.

832. A field is खेन khet. Other names also current are टोपरी topri and पारी pāri south of the Ganges, टोपन्स topra to the west, and data in Champaran and Gaya. In South Bhagalpur the words बारी bāri and बिश्चार bahiyār are used. Beds made in a field to facilitate irrigation and for other purposes are कियारी kiyāri, and also in Champaran चड़ारी gharāri, in Patna and to the south-east गॅड़ारी ganrāri, and in Gaya गाँडारी genrāri. Similar beds in a sugar-cane field are called चाना वाचा hāta wāla to the north-west and in Gaya and North-West Tirhut, and mic jhor or mici jhora south of the Ganges. In the north-west it jhora is a large bed, and so also are पदन्दा pahta in Gaya, Saran, and Champaran, परिचा pariya in South-West Tirhut, द्वन dawan in Champaran and North-West Tirhut, and विकास kiyara or भेर bher in East Tirhut. The raised banks between the irrigation beds are Hy menr in the north-west and are ar in Tirhut. In Shahabad, Patna, and Gaya they are active karha, and in Patna and Gaya परना panrga, in South Bhagalpur परना palanga, and in South Munger दौन daug. North of the Ganges a plot marked off by a boundary is with steet hata wala in the north-west and South Munger and areal arear chharki bāla in East Tirhut. The small patch

of ground adjoining a house is बोझा kola, कोसी koli, or कोस-बाद kolwāi to the north-west, and बादी bāri in Champāran and Tirhut. कोसा kola also obtains in Shahabad and the south-east. In Sāran and Patna it is स्था khand or बंद khanr (which properly means a ruined house), and in Gaya इवादो ghewāri. Other optional names are गन्नी galli in South Bhagalpur and कोनाची konāsi in Shahabad. When the fields of one proprietor's share are scattered over a village, each is called नवन्ता takhta or किया kitta. The whole cultivation of such a proprietor is called केसी बादो kheti bāri to the west and in Tirhut; also बेस क्यार khet badhār in Shahabad and Patna, and बेस प्यार khet pathār in Champāran and South Munger. In Patna and Gaya खन्म khandh, काम khandha, किया kitta or किया kita, is a large area of cultivated land. A division of this is क्यार khandhaut, which is again divided into fields.

#### CHAPTER III.—BOUNDARIES.

- 833. The low ridge which forms the boundary of a field is everywhere चार ar, चारि or चारी ari, as in the proverb चारि जारे तर कपार जादी. बीच बढ़ा चरवाडी, ari jai ta kapar lathi, bich banga charwahi, -if you go on a field boundary have a stick (to protect) your head, (and then) you may graze your cattle in the midst of a cotton-field. North of the Ganges it is also called इंड्रेड danrer. Other names are चडारी ahri (see § 919), असङ्घ alang, or पराँड paranth in Patna, Gaya, and the south-west; परना panrga, गुंदारी ganrari, चारल ail, or चाल al in Gaya and South Munger, and sty danr in South-West Shahabad. A ditch boundary is चर khai, चार khāi, चना khatta, or चार्ने khāwān. Another name is want khanta in South Bhagalpur. In Gava district states dobhra is a small ditch. An embankment used as a boundary is see ahra (see § 919) or stu bandh. Other names are भरवंबन bharban (Champaran), धूर dhur (North Tirhut), and करव्की chharki (South-East Tirhut). A place where three boundaries meet is तिनन्को निया tinkoniya, and where four meet चौसुख chaumukh, चौब्डिया chaubatiya, or altra chauraha. In Champaran and South-East Tirhut it is also alu champar.
- 834. The rural Bihari lays great stress on the importance of keeping these boundary embankments in order. Thus, there is a proverb sifts you and; with your fauth thank chukal banar, ank chukal kisan,—a cultivator who neglects to look after his boundary embankments becomes like a monkey fallen from a branch. Another

proverb which may be noted here is खेत भाष, चारि कोड़ो khet bhase ari kori,—the field is flooded, out the boundary embankments, i.e., passion must have its vent.

#### CHAPTER IV.-FURROWS.

- 835. A furrow is चराइ harāi to the west. In Champāran and Tirhut it is चिराष्ट्र sirāur, in Patna चिरोर siror, and elsewhere चिरोर siraur. In Gaya another name is चेवास sewāt. भौजाया jhanjhiya or चरी dhāri in Gaya and Sāran, and चर्र ghai in Patna and South-East Tirhut, are the deep furrows in a field in which extra crops are grown, especially those at the edge of the field, or running from corner to corner.
- 836. The deep furrow used as an irrigation channel is जारा ara in the north-west, पेन pain or पेनि paini generally, दौजर daungar in South Tirhut, Patna, and Gaya, नारी nari or करूजा karha to the west and in Patna and Gaya, जीना bhita in East Tirhut, and दौन daug in Patna and to the south-east.

## CHAPTER V.—MISCELLANEOUS TERMS USED IN CONNECTION WITH PLOUGHING.

- 837. To the west चाँमारे sānjh le, चेंनिया sanjhiya, and चेंनिचरिया sanjhariya mean 'up to evening,' or 'at evening 'and hence are used as adjectives with the word जोत jot to signify as much land as can be ploughed in a day. In Champaran and South Munger this is चगरिया sagardina, and in Patna उक्किश्चिम thakhariya. The area ploughed in half a day is called दोपहरिया dopahariya.
- 838. The portion of land included in a plough circuit is बाँगर antar, and also to the north-west and in North-East Tirhut परा hattha, and to commence another circuit is दोषर बाँगर घरच dosar antar dharab. The place where ploughing is going on is परवासी harwāhi in Patna and north of the Ganges. In Shahabad it is परवासी harwāhi. In Patna it is टोपन्स topra, and generally पराहा harātha.
- 839. The first ploughing of the season is चरामकार harmahutar in Saran and परामोचानर harmohtar in Patna and Gaya. It is also चराजन samhut, and to the north चिरापेचामी sirpanchmi or चिरापेचर sirpachai, both the last two terms being derived from the festival of the sri

- panchami. In South Munger it is घर सम्बद्ध har mahantar or घर धनत har samat, and in South Bhagalpur योगाता somāta. Another name current in Saran is घरन्य harvat.
- 840. The bringing home the plough on the back of a bullock or with the share over the shoulder is परन्तु की harkhuli, परन्योखिया harkholiya, or परन्तु का harkhūjal, and in South-East Tirhut (optionally) परन्तु का harkhugāni. In South-West Shahabad it is परन्तु का harkhutāo, and in the rest of the district and in Gaya परन्तु का harkhuttan. In Patna it is परनिवाद harbinār or परन्त्री पार harjoār, in South Munger and Champāran परन्ति को harkholāni, and in Gaya, Champāran, and the South-East परन्ति को harkholi.
- 841. The bullocks which draw a plough or harrow are called बद्द barad, and to the west. also बेस bail. When it is wished to distinguish them specially from cart-bullocks, they are called in Champaran and Tirhut पदा बद्द hattha barad, and to the north-west and in Gaya बद्देश बेस harea bail. A lazy fat plough bullock, which sits down rather than work, is called कोड़ि korhi or प्राथा parua, as in the proverb कोड़ि बद्द के फेफरि बद्दा korhi barad keñ phephari bahut,—it's the lazy bullock that puffs and blows.

## CHAPTER VI.—PLOUGHMEN AND AGRICULTURAL LABOURERS GENERALLY.

842. A ploughman is state harwaha, and to the west also Trans harwah. In East Tirhut he is also called with harauri. His wages are called *** harwāhi. An agricultural servant in general is मजरा majura or बनिवार banihar. An agricultural servant engaged for the whole year is very harvar in Saran and wavefewer bharsaliya in North-East Tirhut, and one for the whole day is अरन्दीना bhardina. A ploughman who works for half a day is 3446747 dupahariya or दोपपरिया dopahariya, or in North-West Tirhut पपरम्बार paharwar. One who works on advances is was or was see aguar (or aguarh) jan to the north-west, must kamāi to the west, कमियदे kamiyai or कमियाँ kamiyan in Patna, Gaya, and South Munger, and what we lagua jan generally. The last is usually the man who binds himself to work off a debt incurred. When a ploughman receives the use of a plough for one day in three instead of wages in cash or kind, he is called the frequencya or wareful agwariya, and to the west warest anguar. In Saran and Champaran he is also called equation (so also in North-East Tirhut), or favel tisri or fauftent tisariya. In East Tirhut a ploughman who works without advances is called equation, as distinguished from equation harwaha or eath harauri, who does take them.

- 843. In North-East Tirhut we pat or wish with sati pati is the custom of a plough-owner employing two ploughmen for each plough, each ploughman relieving the other at intervals of eight days. In Shahabad and Patna with harai is the custom under which every tenant lends his plough and bullocks to the landlord for two days in the year.
- 844. An agricultural labourer paid in kind is an jan, also in Gaya and Champaran उपनिया uphangiya, and in South-West Shahabad and bani. One who receives money is niar nokar, or in the north-west जाना jana. One paid solely in cash is called कोरञ्चा koranja to the north-west. In Patna, Gaya, and South Munger the prædial slaves who are attached to an estate, and cannot leave it, or marry, or in fact do anything without the consent of their landlords, are called अफर naphar or कमियाँ kamiyān; and food given to such is an khaihan. A labourer who by custom works a certain number of days for nothing for Government (formerly, and for the landlord nowadays) is called चेगार begar. Payments made in kind to agricultural labourers are called an ban, or in East Tirhut बोन bon. Advances to ploughmen are धनावड़ agwar in the west and walt agauri in South-West Tirhut. Elsewhere in Tirhut and to the north-west they are called Title harauri, and generally wayer lagua.
- 845. When there are spare bullocks in a field where ploughing is going on to relieve those that get tired, the boy who looks after them is called वनवाद anwāh in East Tirhut; elsewhere he is वरन्यादा charwāha or बोर-विचा gorkhiya.

#### CHAPTER VII.—RECIPROCAL ASSISTANCE IN CULTIVATION.

846. बदानीया badlaiya and पहाडा palta or पहाडी palti are terms for exchange of labour for labour by agriculturists. To the west it is also called चैंच painch, in Gaya बदानी badli, and to the south generally पाण्ड pāëth. In East Tirhut another name is जारांचा janpaincha. The practice of two or more cultivators joining their

ploughs and ploughing together, first the field of one and then the field of another, is called generally with bhanja. Other names are westers bhanjhariya and extent har sajjha to the west generally wastal bhanjauti in North-East Tirhut, extent har bhanja in Patna and to the north, extent har pahta in Champaran and Gaya, was bhanjeth in South-East Bihār, and with bhānja in South Bhagalpur. The cultivator in this case is with atent bhānjā wāla, or in Tirhut wast bhanjait. Another name current to the west is with anywara, though this properly refers to the custom of paying ploughmen (anadam angwariya, see last chapter) by lending them a plough and cattle one day in three.

847. The work which one cultivator does for another in this way is called to the west erve sapat.

#### SUBDIVISION II.

#### MANURING.

## CHAPTER I.-KINDS OF MANURE.

848. Manure is north of the Ganges with khadaur, water khadaur. खडी khaddhi, or नॉर्टीरा gondaura to the west, and मोचा goa or करन्सी karsi to the east. South of the Ganges, to the west, it is at ghur, and to the east (also in Saran) मनीरा ganaura or गँदीरा gandaura. कहा kūra, nei grege kūra kurkut, seite bahāran, or (in South-East Tirhut) नामन्दीर gonraur, is rubbish or road-sweepings. Cowdung is alex gobar. When dried it is called south of the Ganges sairts damāra, of which a variant in East Tirhut is wast damār, also in Shahabad and Patna कड़ा kanda, and to the west कॅंड़न्स kanrra. The latter term is also used in Saran. In North-East Tirhut it is गौडि gauthi, and in Champaran गौडी gauthi. In Gaya फॅडी phenti are pieces of dried cowdung. चोत chot to the west is the quantity that falls from an animal at one evacuation. Cattle urine is at a gaunt or गौत gaut, and to the west also द्रत mut. सीद lid, सिदी liddi, or सीदी lidi is the dung of horses, elephants, &c., and that of sheep or goats is भेंदादी bhenrari, भेजादी bhenari, or (to the west) सेंदी lenri. Other filth of various kinds is aut mails, or in South Bhagalpur funt ghins. The refuse of indigo after maceration used as manure is vis sith.

849. A manure heap near a house is देरी dheri, or (in East Tirhut) गोनर gonar.* North of the Ganges generally it is also साम mān. A manure-pit is घूर ghūr, चार khād, or चार दे महण्डा khādar ke garha. A heap of dried grass, sweepings, dung, &c., is in North-East Tirhut and Shahabad क्र kūr. Ashes are राज rākh or चार chhāūr, and in South Bhagalpur चोरो chhauro. In Patna and Gaya they are चानो bāni. An ash-heap is in North-East Tirhut चौराड chhaurāth.

#### CHAPTER II.-MODES OF MANURING.

- 850. Heavily-manured land is north of the Ganges बदौद खेत khadaur khet, or it is called गोवन्दाप्रच gobrāël, or in South-East Tirhut भरख bharal. South of the Ganges it is चदौर khadaur, चदन्गीर khadgaur, or बदिन kharit in Shahabad.
- 851. The custom of allowing cattle to stand in a field for the purpose of manuring it is called north of the Ganges भेंड्री बेसाबोख bhenri baisāöl or भेंड्री दिराबोख bhenri hirāöl; south of the Ganges it is जियनगर होए खा धूर बेसाबोब jivgar hoë la dhūr baisāöl, and in South Munger they say खेन गोवन्दाव में khet gobrābe heñ.

#### CHAPTER III.—MANURE USED AS FUEL.

852. Manure collected in the forests and grazing-grounds and dried for fuel is called north of the Ganges is a first damāra or and kanda. In East Tirhut it is said damār, and to the west it is also called fagur niver binua goïtha. Another general name is an aires ban goïtha. When made up into cakes with chaff and other refuse, the large oblong blocks are called airest gohra to the west and airest gorha in Champaran and to the east. The next sized round cakes which are stuck on the wall to dry are niver gointha or niver goïtha. The smallest cakes are faural chipri. The largest-sized slabs made with both hands are invalidable or mirest south.

^{*} Compare for an example of this word the proverb गोधारक गोपर हुइ देव विक्रम goārak gonar duhu dis chikkan,—a gowāla's dunghill is neat on both sides.

are unmanufactured lumps of dry cowdung dried and stored.

- 853. The pile of cowdung fuel is called to the west नार्पा gohraur or नार्पा gohraura. In North-East Tirhut it is नार्पा gothaur, in Champaran नार्पा gothaula, and there and in Tirhut राख tāl. It is ह्या chhūa optionally to the west, ह्या chhūha or ह्या देनेन्या. It is ह्या chhūa optionally to the west, ह्या chhūha or ह्या chhūhi in Patna and Gaya ह्या ह्या टेनेन्या chhua chhanna in South Munger, and ह्या chhāni in South Bhagalpur. The pile of the large oblong blocks is also called नार्पा gohra or नार्पा gorha as above. The house in which the fuel is stored is नार्पा gothaur, नार्पा gothaura, or नार्पा gothaul generally; also नार्पा gothul in North-East Tirhut, नार्पा gotháhul in Shahabad, and नार्पा प्राप्त gothab or पायब pāthal, according to locality, or else रोजब thokab or रोजब thokal. The place where they are made is north of the Ganges generally प्रयाप pathāri. South of the Ganges it is प्रयाप pathraur in the west, प्राप्त विवा Gaya, and पाइप pānrar in Patna.
- 854. In selling cowdung fuel a पन pan equals 20, 22, or 23 ज्ञास्त ganda (i.e. fours), according to locality. In buying the article in Patna the seller gives two cakes extra (called a पनन्दी panki) for every पन pan bought.

## SUBDIVISION III.

## **60WING AND TRANSPLANTING.**

#### CHAPTER I.—SOWING.

- 855. Sowing is to the west बोचनी boani, and to the east बावन bāwag, बाचीन bāög, or बाजन bāüg. South of the Ganges, and also in Champāran, it is also बोचार boāi, or in Patna and South Munger बोनी boni. In South Bhagalpur (and also in Champāran) the word is बोचनी boani. To sow is north of the Ganges, बोचन boāl, बावन करन bāwag karab, बूजन būnab, or बूजन būnal, according to locality. To scatter the seed is generally चिट्टन chhitab or बोचन chhintab. In Patna चुजापन chulāēb is also used in connection with Bhadoï or autumn crops.
- 856. Seed is बीचा biya or बीचन bihan. In Gaya it is विचानाइ bihnäi (also used in Champaran), विचा bichcha, or बोडा gota, and in South Bhagalpur विकासाइ binhäi. A grain of seed is दाना dana.

Barren seeds are चनी abbi (or in Shahabad) चन awai, and fertile seeds are चनी suggi.

## CHAPTER II.-MODES OF SOWING.

- 857. The following are the modes of sowing:-
- (a) Furrow sowing. भारी dhari or घरिया dhariya. To plough in this way is धारी सगापन dhart lagaëb or वरियापन dhariyāëb. South of the Ganges this method is called चुट-की chutki. In this method a plough goes in advance of the sower, who carries the seed in a basket. He drops it into the furrow as soon as the latter becomes visible. By this method the seed is sown deep, the stalk is stronger, and not so liable to be laid by high winds. अडाप्रव bhathaëb, दोवरिया dodhariya, दोचार dohar, or समार samar is the practice of filling up with soil the furrow in which the seed has been sown, by ploughing a separate furrow beside it. This is generally done in the case of. Bhadoi crops. Sugar-cane is not covered in this way in Bihar, but by hand. The long straight lines of seed across a field are known as भारी dhari or पाँती panti. When the ploughing is done round a field, and not across, it is called चौकेटा chauketha, &c. (See § 828).
  - (b) Sowing by drill.—This is डार tār, डारी tāri, डोर tor, डोरी tori, often spelt टॉर, टॉइ tānr, टॉर, टॉइ tonr, &c.

    To sow in this way is टारव tārab or टोर समापन tor lagāēb. The man who works the drill-plough is डरन्वाइ taruāh or टोरवाइ torwāh.
- (c) Broadcast sowing.—This is generally with bawag or its variants,—see above. Other names are that chhitta or the chhitta north of the Ganges, and that chhitta south of it. Maize and similar crops are sometimes sown broadcast on land left soft after an inundation, and are then pressed into the mud by hand. This method of sowing is called that dobha, and to sow thus is the dobhab.

- 858. If the seed is sown on lands which have not been ploughed, it is called feet chhitta, feet chhitta, or south of the Ganges जॅगन्सी बाबर jangli bāwag, पैरा paira (Gaya, also in Champaran), or पापर paër or समार samar (Patna and South Munger). बीटा chhinta or fest chhitta is also used to signify lands in which the seed has been scattered after a single ploughing. It is also specially used for sowing the spring (रवी rabi) crops on the दोषांचित्रा dophasila lands, i.e., those from which the autumn crop has just been cut, as contrasted with the views palihar or winis chaumas, which are carefully-prepared fallow lands for wheat and similar crops. The sowing of the early rice in dry lands is बराबर बाबन kharhar bawag. North of the Ganges it is also धुरिया बावन dhuriya bāwag. South of the Ganges it is in Shahabad and Patna accor tharra, in the rest of the district बरन्दार kharwah, in Gaya बरन्देर kharweh or बरन्दे kharwe, in Patna बीचा baugha, and in South Munger भुरन्युसा dhurghussa. In Patna and Gaya sowing in a wet field is called day lewa. Sowing wide apart is generally पानर pātar. Other names are (north of the Ganges) प्रकाष phakah or फॉफर phanphar to the west and देखर chhehar or चेरन्सार permar generally. South of the Ganges we find were pathar in Gaya. पतन्त्र patla in South Munger, and पतीच patil in South Bhagalpur. the last two being also met with in Champaran. Sowing thick is generally चन ghan, नाइ garh, or नाइ। garha. North of the Ganges सकोर sajor is used in the same sense.
- 859. Grain that fails to germinate is चानी abbi, निरम्बीन nirbij, विजन्मार bijmār, or बीचा मार biya mār. In South-West Shahabad it is बरचा barua. If a man wishes to say that his seeds have not come up, he says रचार विद्याद सारच गेस hammar bihnāi māral gel.
- 860. When from excess of rain followed by heat a crust is formed on the surface, which prevents the young plant from coming up, it is called to the west upz unter sapat jail or upter sapat jail. In East Tirbut and Shahabad it is called upter papri. South of the Ganges it is upter tawa to the south-west of Shahabad, or upter sewthat in the rest of the district and in Patna. Elsewhere it is upter sewta or upter munda.
- 861. Self-sown seed.—Seed which falls on the ground in the field at harvest time, and which germinates next year, is called समेरा lamera in the west, बच्चे namhero in South Bhagalpur, and नवर namher, क्योर lamher, or साम lam in South Munger.

#### CHAPTER III.—SEED-BEDS AND NURSERIES.

862. A nursery for rice is विदार birār or विवार biyār. To the west it is also वैगा benga. The young plants which are transplanted from the nursery are generally बीचा biya or गाडी gāchhi. They are also called बीचन bihan or बीच-नार bihnāi. South of the Ganges and to the north-west (when of rice) they are also called नोरी mōri, and in Champaran जरहे jarai. The bundles of rice seedlings ready for transplanting are चाँडो ānti or चेंडिया antiya.

#### CHAPTER IV.—SOWING TIME.

863. The sowing season is ৰীমনী boäni north of the Ganges and ৰামনা bogha south of it. It is also generally called ৰাষন bāwag.

#### CHAPTER V.-TRANSPLANTING.

864. To transplant is रोपच ropab. In Gaya when a man has finished transplanting he says प्रार्थ वर्षार मेस hammar banusār bhel,—'I have finished transplanting,' the quantity of rice seedlings transplanted at one place being called everywhere except in the south-east प्राच bān. A bundle of seedlings is चाँटी ānti, and the man who plants them is called चांचा dobha or रोप-नियार ropnihār. The bundles are tied in pairs and set astride over a long bamboo when carried about. This bamboo is called to the west विश्वनदीया bihandhoa or सवाद kanāth. The man who roots up the seedlings from the seed-bed is called कवरिया kabariya, or in Sāran कवरिया kabariha. In South Munger he is also called कार्य-वर्षा morkabra. Seedlings which have been re-transplanted, i.e., transplanted more than once, are called north of the Ganges प्रव khāru or प्रवास kharuhan.

#### SUBDIVISION IV.

## DIGGING, HOEING, AND WEEDING.

#### CHAPTER I.-DIGGING.

865. To dig is कोड्न kōrab. In Champaran and Tirhut it is also सामन tāmab or पारन pārab. In South-West Shahabad it is देखन

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chhejal. Digging is कोइन्नी korni, also in Champaran and Tirhut तमन्ती tamni, in Patna, Gaya, and South Munger निकीनी nikauni, and in South-West Shahabad के कान्ती chhejni. In South Bhagalpur it is कोइन keran or कंड khanr. In Saran and Champaran नोइड gohut is digging or hoeing the edges of fields. In Tirhut this is called चारि चाँडन āri chhāntab.

#### CHAPTER II.-HOEING.

866. Hoeing is खर-पियाना khurpiyāna to the north-west. In Champāran and in Tirhut generally it is करीनी kerauni or कर्मनी kamaini. South of the Ganges it is कोइन्मी korni, or in South-West Shahabad क्रेंजनी chhejni. In the month of Asārh (June-July) sugar-cane gets a special hoeing, which is called खराड़ी कोर asārhi kor, and in Champāran and North-East Tirhut टोक्स tokab. In Gaya it is called पापा pāsa, and in Patna खराड़ी कोइन asārhi koran. In Champāran and the southeast it is खरारा कोरम adra koran, and elsewhere it has no special name. The first hoeing of the sugar-cane crop, which generally takes place in Māgh (January-February), is called अंधरी कोरम andheri koran in Patna, चाजन chālan or उभाजन ujhlan in Gaya and to the west, अंधरी andheri or माइन्नो jhārni in Saran and South Munger, and फ्रानो jhurni in South Bhagalpur. North of the Ganges it has no special name.

#### CHAPTER III.-WEEDING.

867. Weeding is करीनी kerauni or कमेनी kamaini north of the Ganges. In the west generally it is सोचानी sohni. Elsewhere it is generally कोचानी korni, and also दरन्ती harkhi in Patna and उमान्सन ujhlan in Gaya and Shahabad. In South Bhagalpur it is optionally केनीनी kelauni, and केरीनी kerauni reappears again in South Munger. To weed deep is भर खुरापी चोचन bhar khurpi sohab; also बोच देन kor deb to the north-west and in North-West Tirhut, and सामस khābhal in Sāran and Champāran. In Patna the operation is called विस्तान bismādi, and elsewhere it has no special name. Superficial weeding is खुरापियाना khurpiyāna in the north-west and विकादन nikāwan in the south-east. In Champāran and Tirhut it is called दियानी tipni. The digging up a field to clear it of weeds before ploughing is नामन tāmab, also in North-East Tirhut बोचन tokab. The operation is called वसन्ती tamni, or in North-East Tirhut बोचनी tokni.

Weeding by hand is चिद्धरानी chikhurni in the north-west and चन्नानी uchhtani in Champāran and Tirhut. In Patna, Gaya, and South Munger it is चाँच में निकाणन hānth señ nikāëb, and in South Bhagalpur चन्नर्द thakuraī. In Shahabad it has no special name.

- 868. Weeds are घास ghās or घास पास ghās pāt. In t. northwest they are also दूभ दाँदर dūbh dāndar, and in Tirhut यू dhū. When collected and burnt as manure, they are खादर khādar in the northwest, and मोचा goa there and in Tirhut. In Patna and Gaya these are खाद alāh or डाडी dāhi, इरा hūra in South Munger, and हारो chhāro in South Bhagalpur.
- 869. Wages for weeding are चोचाइ sohāi or चिखुराइ chikhurāi in north-west, and in the east generally simply बन ban. In Patna and Gaya they are निकोनी nikauni, in South-West Shahabad बनी bani, and to the west generally बनिचारी banihāri.

#### SUBDIVISION V.

## WATCHING CROPS.

- 870. Watching of crops is generally रखन्तारी rakhwāri, खगोरी agori, or खगोरिया agoriya. Other terms are रखन्तारी rakhwāhi or बखन्तारी balrakkhi in Patna, जगन्तारी jagwāri or बखन्तारा badhwāha in Gaya, बखन्तार badhwār in East Tirhut, and जागाण्य jogāeb in Champāran and South Bhagalpur. In Champāran and the south-east दाँकी hānki is to drive crows off a field. Elsewhere it is कीचा दाँकव kaua hānkab, &c. A field-watchman is रखन्तार rakhwār, चगोरिया agoriya, or खगोर-निशार agornihār; also खज्ञार rakhwār, चगोरिया agoriya, agora there and in Champāran and South Munger, जगन्तरिया jagwariya in Gaya, and जोगानिया joganiyān in South Bhagalpur. The बखन्तार badhwār or बखन्तारा badhwāha is generally a man appointed to watch the fields of a number of cultivators and paid by the landlord.
- 871. In the north-west definite chhenknihär, and in North-East Tirhut deficient chakledär, is a man appointed to watch on behalf of the landlord to see that none of the crops is carried away before the demand is paid. Elsewhere he is simply called futien piyada or defined barāhil, but to the south-east he is future sirmān or deficient balrakkha. To attach the crops thus is called the rokab: hence the

Anglo-Indian phrase "to roke crops." The act of "roking" is called in the north-west with chhāpa.

872. When cultivators club together to watch their crops in turn, it is called north of the Ganges पारी pāri, भाँच bhānj, or भाँचा bhānja. It is also पराटी palti in Patna, Gaya, and the west; also परिषद parihar in Patna and Gaya, पेटी pethi in South-West Shahabad, and पाण्ड pāëth in South Munger.

#### SUBDIVISION VI.

#### REAPING AND GLEANING.

#### CHAPTER I.—REAPING.

- 873. Reaping is कटन्नी katni, or to the north-west कटिया katiya. In South-West Shahabad it is स्नीनी launi. To reap is काटन kātab, or in South-West Shahabad सीनी करस launi karal. To cut cane is सोसस chholal in the north-west, गेंड्रा करस genra karal to the west, पार्व pārab in Champāran and Patna and Gaya and South Munger, and स्र काटन ghūr kātab in South Bhagalpur.
- 874. The man who outs the cane is described in section 292. A reaper is बट-निशार katnihār north of the Ganges and in Patna and to the south-west. He is also दिनिश्चर dinihar in Patna, Gaya, and South Munger, ज्वानिशार leonihār or कट-नियाँ katniyān to the west. Elsewhere he is simply जन jan, बनिशार banihār, &c. Harvest time is कटानी katni. The wages of harvesting are दिनौरा dinaura in Patna and Gaya, and दीनी dīni in Champāran, Gaya, and the south-east. Another name is in Gaya गुदारा gudāra, or in Sāran गुदार gudār. Elsewhere they are बन ban, or in South-West Shahabad बनी bani.
- 875. Cutting the ears without the stalks is बसन्तर balkat generally. Other names are दुंगानी tungni north of the Ganges and to the west, अगन्ता agla in Champāran and Gaya, कहर katui in South-West Shahabad, पाँगस pāngal to the west, and कन्नवरूकी nanhkatni in South Munger. So also in East Tirhut it is वनक्वरूकी nankatni or (also in Champāran) स्विक्वरूकी siskatni, and in South-East Tirhut विभक्कर chhipkatta. It is वनक्वरूकी siskatni, in South Bhagalpur. Cutting crops at the root is व्यवस्था jarchhorni, (in South-East Tirhut) व्यवस्था jarkatta, or (in South Munger) व्यवस्था jarchhora.

876. To shake the fruit off a tree is आरम्बराप्य jhārjharāël in the north-west. In Champāran and West Tirhut it is आरम्बाप्य jharkhāëb, and in East Tirhut अवराप्य jhakāëb. To the west it is जीरस jhoral, and also, generally, दोस्य dolab or दोसाय देव dolāy deb. भाराप्य jhatāhab is to knock down fruit from a tree by throwing up sticks into it (see § 41).

#### CHAPTER II.—CUTTING OF UNRIPE CROPS.

877. Unripe crops are sometimes cut for food. North of the Ganges this is known as never gadra or any kachcha. Other names are गादा gāda and ग्रा gadda. In South Munger it is गादर gādar, and in South Bhagalpur जंकरी ankuri. The last two are also met with in Champaran. A word used to the east generally is and kachri. In the north-west समझत samahut is a little grain cut first, and this is समृत sumut in North-West Tirhut, नेवान newan in Saran, and नेवान neban in Champaran and Tirhut. Treat horha is unripe grain cut for parching. It is also called arear orha in Tirhut and the southeast, and optionally signs holha in Champaran and South Munger. The green ears of Eleusine coracana (HENT marua) treated in this way are called sull ummi or sull umi to the west and in Tirhut and sull in Champaran. बासो ālo in Gaya is the part of the crop which is reaped by a cultivator for present eating before the whole is ripe. Sometimes unripe pulses and barley are rooted up and given as fodder to cattle. This is called in Saran cuita rakhant.

## CHAPTER III.—GLEANING.

878. A gleaner is विवासिकार binnihār or विविधी biniyān to the west. He is also generally खोड-विदार lorhnihār, with variants खोड-वादर lorhtāhar in Patna, Gaya, and South Munger, and खोद-रा lohra in South Bhagalpur. Gleanings left on the field for the lower orders are कर्मा jharnga or कार्म jhārang to the west, and खोड़ी lorhi or खोडिया lorhiya to the east and in Champāran. Other names are क्षा jharua (Patna and North-West Tirhut), कार jhar (South-East Tirhut), and खूडल पडल chhātal patal (Champāran and Tirhut). Gleaning is called in Gaya and South Munger खोड़ा विद्या lorha bichcha, and gleanings are खोड़ा lorha.

#### SUBDIVISION VII.

#### THRESHING AND WINNOWING.

#### CHAPTER I.-THE THRESHING-FLOOR.

879. A threshing-floor is everywhere बर्डिश kharihān, with an optional variant चरिकानी kharihāni in Patna. The shed erected on the threshing-floor is सहरे maraī, बॉपरहो khompri, or ऑपरहो jhompri. In Patna it is सबका maruka or ऑपरहो jhompra, in Gaya कूड़ा kūrha, and in the south-east चॉपरहा khompra.

#### CHAPTER II.—SHEAVES AND BUNDLES.

- 880. The cut crop is खाँड dānth to the north-west, or बाँड dānt in North-West Tirhut. In East Tirhut it is खार lār. In Shahabad it is खेडनी lehni, in Champāran देखन lehan, in Gaya पतीर pataur, in Patna पतीही patauri or पतनी patni, in South Munger पातन pātan, and in South Bhagalpur पत्तन pattan. In Shahabad it is called परहा palhāri, and in Sāran पथारी pathāri, when it is left a day in the field without being gathered.
- 881. In considering the nomenclature of the sheaves it will be convenient to take North and South Bihar separately.

#### NORTH BIHAR.

- 882. The smallest sheaf, about a handful, is called सूटा mūtha, स्वा muttha, or पूजा pūla; the next largest is the अवांचा anwānsa (northwest), जोव्हा antha (North Tirhut), and जाउन āhul or जाउना ahula (East Tirhut); the next largest is the जेटिया antiya or (Champāran and North-West Tirhut) प्राची pasahi; the next largest is an armful or पाँचा pānja; the next largest is a जोचा bojha; and the largest of all, that carried on a bullock, जाउना ladna. The relative scale of some of the above is generally as follows:—
  - 4 ger mutha = 1 seier anwansa or siter aulha.
  - 8 चौद्धा aulha = 1 पाँचा pānja.
  - 4 पाँजा pānja = 1 बोभा bojha.
  - 16 बोबा bojha = 1 सोरांची sorhi.

In East Tirbut the following scale obtains:-

4 चाइस āhul = 1 केइमी kehuni.

4 केडनी kehuni = 1 पाँचा pānja.

4 पाँचा pānja = 1 बीमा bojha.

16 बोक्ता bojha = 1 स्रोरन्डी sorhi.

16 चोराची sorhi = 1 चोराचा sorha.

883. The word vices sorhi is a common unit for measuring produce. Thus, a raiyat will say that such and such a field gives so many vices sorhi to the bigha.

#### SOUTH BIHAR.

884. The proportions vary in different places, as follows:-

#### SOUTH-WEST SHAHABAD.

2 जॅबॉसी anwānsi = 1 जॅटिया antiya or दोसन्डा domra.

0 ditto = 1 पाँचा pānja, पूरी pūri, or चाँटी

3 पाँच pānja, पूरी pūri, or चाँडी ānti = 1 बोमा bojha.

30 ditto ditto = 1 fault tisaur.

#### SHAHABAD.

10 अवाँसी anwānsi = 1 चॅटिया antiya or पनर्गिचीचा panpiaua.

4 जॅटिया antiya = 1 बोमा bojha.

Or 10 बाँसी ansi = 1 पाँचा panja.

4 पाँजा pānja = 1 बोला bojha.

21 बोका bojha = 1 प्रकेषिया ekaisiya.

#### PATNA.

4 परःपा arpa = 1 भाँदी anti.

5 Tiel anti = 1 nel gahi.

5 गांची gāhi = 1 बोका bojha.

Or 5 चरन्या arpa = 1 पाँका panja.

5 पाँचा pānja = 1 बोबा bojha.

21 am bojha = 1 vast ekaisi.

#### GAYA.

	3 चरन्पा arpa	= 1 और ānti.
	5 📲 anti	= 1 गाडी gāhi.
	10 गाडी gāhi	= 1 बोका bojha.
$\mathbf{Or}$	9 <b>चरन्पा</b> arpa	= 1 чтэл pānja.
	3 <b>पाँका</b> pānja	= 1 बोमा bojha.
	21 बोभा bojha	= 1 प्रकेशी ekaisi.

## South Munger.

The same as Gaya, except that 4 utest pānja = 1 alast bejha.

## SOUTH BHAGALPUR.

4 गैरिंसी gaunti	= 1 viel anti.
4 चाँटी ānti	= 1 utal panjau.
16 <b>vizî</b> ānti	= 1 बीभा bojha.
16 बोमा bojha	= 1 चोराडी sorhi.

- 885. The word vail chaisi south of the Ganges is used in much the same way that eleval sorhi is used; so also fault tisaur. It will be seen that the above scales are not always consistent amongst themselves. This is the fact, and is due to a difference in the size of the unit according to locality. The arm bojha is about the same everywhere.
- 886. An अक-बार akwār or अँक-बार ankwār (optionally), or in Patna and South-East Tirhut कंडनी kehuni, is as much grain as can be carried between the arms, and मधःबोका mathbojha is a load carried on the head. Out of each बोका bojha one बाँडी ānti is given to the labourer who cuts and carries away the crop, and the remainder is in Shahabad called यदार gudār.* युष्ट gund in Patna or गृँहा gūnra in Gaya is a bundle of cut pulse.

## CHAPTER III.-TREADING OUT GRAIN.

887. Treading out grain is दौनी dauni north of the Ganges. To the west and in Patna it is also दौरी dauni or मिंजानी minini. The latter word is principally used when the grain is trodden out by men and not

^{*}The মাতা anti given to, or rather taken by, the reaper varies in size, as is witnessed by the proverb লাহি লহাবিছাৰ লী মুখৰ বৰ মাতা korhi katnihār ken mungar san anti,—the lazy reaper gets a bundle as thick as a club.

by bullocks. In Shahabad it is दोरी dauri, and so also in the south-east In Champāran, Patna, Gaya, and South Munger it is द्वाँकी dawānhi and in Patna also (when trodden by men) में जन्मी mainjni. In South Bhagalpur प्राची sahri is a thorough threshing of corn. The beating ou of the heads against the ground or bed to disengage any grains tha remain is पीट्य pītab, भार्य jhārab, or भाँद्य jhāntab north of the Ganges It is also पेटारी petāri to the west, दंगीनी dangauni in Patna, पिटाने pitni in Champāran and Gaya, दंगीनी dengauni in East Tirhut and South Munger, and भाँद्यनी jhantni in South Bhagalpur.

- 888. The first treading out of the grain is called पौर paur the second treading is उपने दाँवन danti dānwab north of the Gange and in Shahabad, cr नोड़ापन torāëb in North-East Tirhut. To th west it is बाँडन chhāntab, in Champāran and Patna it is खुरन्दीन khurdauni, in Gaya खुरन्दींनी khurdonti, and in South-East Tirhut and South Munger खुरन्दींनी khurdāin.
- 889. The stake to which the bullocks are tied in treading out the grain is में menh, with local variants में जा menha (to the north-wes and in South-East Tirhut), मेंबन्टा mehta (Patna), and माँबी minhor (South Bhagalpur). In South-West Shahabad no centre stake is used A bullock stands in the centre, who is called में चिया वैस menhiyan bain In other places the inner bullock next the post, which is the slowes and weakest of the team, is called निष्या menhiyan generally; also महा menrha in Champaran and South-East Tirhut, and मंद्रा mehta o में प्रति menhta in Gaya and South Munger. In South Munger he is also मेडा meha, and in South Bhagalpur मोडा mihān. Another name fo. him is in Gaya कुइन्द्रिका kurdahina. The outer bullock, which is the smartest of the team, is called urs path or usar pathiya to the west to the north-west and in North-West Tirhut परिया patiya, and in East Tirhut पाट वासा pāt wāla. In South-East Tirhut it is अग्रान्त agdāën, and variants of this are जन-दार agdāin in Patna and South Munger, जांग-दारन agdāin or जन-दार agdainyān in Gaya, and प्रशन्दारं egdāin in South Bhagalpur. In South-West Tirhut he is चेरा phera. The rope which goes round a bullock's neck is मरन्द्री gardanw in the west and in South Munger, बरन्दनी gardani in Champaran and West Tirhut, and acting garaundha in Patna. The main rope to which all the bullocks are tied is wan manjha, also and dawn to the west, दौरड़ daunrar or दोकारा dogha in West Tirhut, and करा karam in East Tirhut. In Patna, Gaya, and South Munger i is द्वाँची dawanhi, and in South Bhagalpur दाँबर dammar. I

The mun standing on the right of the picture holds in his right hand a threshing-rike (akhuma) A threshing . Hoor (kharikan)

The sales of the Daniel of the sales

Champaran and Gaya it is also called at kanr or attack kanra. The rope by which the main rope is tied to the stake is at ghari or with menhauti in Patna and Gaya, and ever donra in South Bhagalpur.

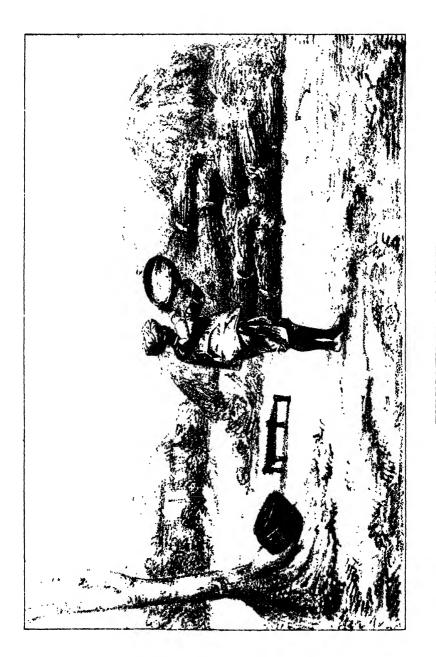
#### CHAPTER IV.—CROPS ON THE THRESHING-FLOOR.

- 890. The pile of sheaves.—When the erop is piled in bundles on the threshing-floor it is known as गाँच gānj. Other names are राज tāl (north of the Ganges and Shahabad), गमा galla (North-West Bihār), देरी dheri in Gaya, and काँड़ kānr or काँड़ा kānra in Champāran and to the east; also चनार khamhār in South-East Tirhut. When the cut crop is piled like a stack in England, with the grain heads inside to save them from rain, it is called कोडियो kothiyau in Sāran, and पूज pūnj or पुँजीर punjaur to the north-west and in Patna, Gaya, and the south-east. When rahar (cytisus cajan) is piled on end to ripen before threshing, it is called चड़ा टाड khara tāl north of the Ganges. Stacks are rarely raised on platforms in Bihār, but when it is done the platform is called चड़ा machān.
- 891. The spread-out crop.—When the crop is spread out flat on the threshing-floor, ready to be trodden out by the bullocks, it is पर pair north of the Ganges and in Shahabad. Other names are पौर paur or पौरी pauri in East Tirhut, जार khoh in Champāran and South East Tirhut, जार barhora in Patna and Gaya, जार barhara in South Munger, and द्वार khāa in South Bhagalpur.
- 892. The crop after it is trodden.—After the crop is trodden out the pile of chaff and grain ready for winnowing is रिशी silli north of the Ganges, in Patna, and the south-west. Other names are कुटाँक kutānw (Patna and North-West Bihār), हरी dheri in Champāran, Tirhut, and South Munger, पर pair in Champāran and Gaya, and भार dhār in South Bhagalpur. In South-East Tirhut it is also ज्याम ukām (also in Patna) or ज्याम ukum, and in Shahabad ज्याँच ukānw.
- 893. The heaped grain.—This is राम rās or देशे dheri, also in North-East Tirhut बोर khor. Over this is placed a cake of cowdung to avert the evil eye. This is बहाँच barhānw (Patna and West Bihār) and बड़ांचाव barhāwan in Gaya and the west; but बहाँच barhānw is more properly the dung deposited by the bullocks while treading. Other names for the cake are महादे mahāde or महादेव mahādeb. A

piece of moist earth stamped is sometimes used in the same way, and is called **TAW** chākal to the west and www chhappa generally. In South-East Tirhut a piece of wood so used is called way jāk.

- 894. The heaped straw and chaff.—Straw in bundles is get pula in Patna and north of the Ganges, except in North-East Tirhut, where it is well jhatua. South of the Ganges, and optionally in Sāran, it is चाँडी anti or चँडिया antiya, except in the southeast, where it is yen pulla or feet binra. Loose straw that has been threshed is year puara (to the west) or year puar (to the east). Local variants are utt pora (also in West Tirhut) or uture poar in Patna and South Munger. When it has not been threshed, but has been left standing in the field after the ears are cut off, and then itself out, it is called नार nār, and also (to the east) चार lār. Its stalks are whole, and are not crushed like threshed straw. नेवारी newāri is straw which is cut with the ear, but is not trodden by bullocks. It is tied up in bundles, and the heads are beaten against the ground. The husks of the grains are util bhūsa or util bhussa. South of the Ganges a nasal is generally inserted—thus, भूसा bhūñsa. Other names are कहुआ katua in Patna and Gaya, युष्टी gundo in Champaran and South Bhagalpur, and खखन्दा khakhra or sat dhulla in South Munger. Bran is that chokar, also in Patna and the west भूची bhūnsi. Other names are चर्ची वी chalaunsi (Patna and the west), कॉराइ korāi (Patna, Tirhut, and the west), चौकर chonkar in Champaran and Patna, and चौक-रा chokra in South Munger. The heaped straw on the threshing-floor, or a stack of straw anywhere, is गाँज gānj or टास tāl. सिकी silli is also specially used for the heap of straw on the floor.
- 895. An enclosure for stacking straw or fuel is चरान gherān in West Tirhut, Sāran, and Champāran, घोरान ghorān in Shahabad, and चरा ghera or बाड dhāth in Champāran and Tirhut, the latter specially to the east. To the west it is प्रत्येट purwat. A house for holding chaff is स्पीच वर bhusaul ghar in the north-west and West Tirhut, and स्वाचार bhuskār, स्वान्यवा bhussbhulba,* or (also in Champāran) स्वाचार bhuskhār to the east. In South-West Shahabad it is स्वार bhunsaur, and to the west generally of that district भूषाच bhuñsáhul. In Champāran and Patna it is भौषीचा

^{*} As in the proverb क्रन घोड धुस्म धुल न्विंद chhūtal ghor bhussbhulbahiñ thàrh,—a horse, when he gets loose, stays in the chaff-house.



bhoñsaula, and there and in Gaya सूचा घर bhusa ghar. In Champāran and South Munger it is सुन्तर bhusghar, and in South Bhagalpur सुन्तरी bhuskari. जॉप khomp or जॉपो khompi north of the Ganges is a small shed for chaff. The round thatch covering a जॉप khomp to save it from the weather is जॉप के सब्दनी khomp ke mathni, जांबन्नी chhāoni, or डोपड़ topar. In South-East Tirhut चॉन chāng is a large basket for holding chaff equalling four डोकन्ही tokri. टॅनीर tangaur in the same place is a similar one, but is rougher and made of rahar (Cytisus cajan).

896. The refuse straw and fodder.—This is in the north-west मोबार gothar, to the west and in North-West Tirhut it is सबेर lather. in Champaran and North-East Tirhut नियाप nighās, and South-East Tirbut निषेस nighes. South of the Ganges and in Champaran it is बाँटी danti. The refuse straw of the rabi or spring-crop, and specially of the rahar (Cytisus cajan), is that raretha generally south of the Ganges, local variants being with laretha in South Bhagalpur. and in Champaran Test rahetha. In Patna it is also called with kharai. The refuse straw of the autumn crop is size danth or szar duntuka or accept kutka north of the Ganges. It is also to the west and in Patna est dhattha, and elsewhere etz dant, etzt danta, or etzt danti. In South Bhagalpur and Patna, however, it is and thathero. The dry stalks of mustard (परिपो sariso) are पढी santhi in the northwest, तिसन्दी tilthi to the west and in North-West Tirhut, तोरियादी toriyāthi in South-West Tirhut, नोरियड toriyath in Shahabad, and निसादी tilathi generally. The stalks of cereals without the ear are भेगारर jhengra to the west and in South-West Tirhut, भोगान्डा jheqta in Champaran, ste dant in the rest of Tirhut, was jhanga in Champaran. and win jhang also in South-East Tirhut.

#### CHAPTER V.-WINNOWING.

- 897. Winnowing grain is चोचीनी osauni. To winnow is चोमाण्य osaëb.
- 898. The fine chaff ewhich is blown away by the wind in winnowing is पन्नी pambhi generally; also पाँकी panki or पाँकी pambhi to the west, जूँकी gunri in Champaran and South-East Bihār, and भौटा bhaunta in Patna. South of the Ganges these words are confined to the winter (Aghani) crop. The words for the autumn (Bhadoi)

orop are ytal puresi or yaval puresi to the west, and yaval pakhni in Patna and Gaya. In South Munger and adhbhari is rice not fully developed, in which the ear is only half full, the rest being all chaff.

### CHAPTER VI.-MISCELLANEOUS.

- 899. The gathering or collecting grain at one place in the time of harvest is aclts batoran or with lorhan.
- 900. When grain is being weighed, an extra handful is thrown in to make up for dust, &c. This is called used pachhua generally, but also are kasar to the west and use phāo in the south-east. It is also called use lābh in Champāran and South Munger.
- 901. The grain left on the threshing-floor after removing the bulk of the crop is where agwar generally north of the Ganges, and was bhath in South-East Tirhut. South of the Ganges and in Saran it is at tari. The gleanings and refuse grain on the threshing-floor are very patpar in the north-west and was khakhra to the west and north. The grain which is blown away with the chaff at the time of winnowing is where agwar or when agwar to the west, which east.

#### SUBDIVISION VIII.

### DIVISION OF CROPS.

### CHAPTER I.-DIVISION AND VALUATION.

- 902. The division of crops on the metayer system between land-lord and tenant is called बराइ batāi or बरेबा bataiya. Local variants are बाँड bānt in Champaran and Gaya, बाँडो bānti in Champaran and South Bhagalpur, and बर्ज्य bantnu in South-West Shahabad. Land so held is called बांचची bhāoli or बरेबा•bataiya, as opposed to बांच्या nagdi, of which the rent is paid in cash. In South Bhagalpur the division of the crops is called करवाणी kurtāli.
- 903. In sate batai a certain fixed proportion of the crop is given to the landlord as rent, as described in the following chapter. When,

instead of a proportion, a certain fixed quantity of the crop per bigha is paid to the landlord, it is called सन्दर्भ mankhap, सन्दर्भ manthika, इस्त hunda, or सन्दर्भ manhunda. This is especially adopted in the case of जिरास jirāt or home-farm lands when let to a cultivator. In Patna it is called सनी बन्दोबस mani bandobast.

# CHAPTER II.—THE SHARES INTO WHICH THE CROP IS DIVIDED.

- 904. Half to landlord and half to tenant.—This is called अधिया adhiya north of the Ganges and in the south-west, in Patna and Gaya अध्यव्या adhbataiya or पर pah, in Champāran and the south-east अध्यविया adhbatiya. In South-West Shahabad they say द्वाना में प्रे प्रक दाना अभिदार बेडचा, याजर एक दाना असमी के देखना dū dāna meñ señ ek dāna jamidār lehala, āŭr ek dāna asāmi ke dehala,—of two grains, the landlord takes one and gives one to the cultivator. The turn of the sentence which makes the landlord give the cultivator his share is worth noting.
- 905. Seven-sixteenths to landlord and nine-sixteenths to the tenant.—This is जीवन nausat or जीवना nausatta. The practice has only been noted in the west, Patna, Gaya, and South Munger. In South-East Tirhut the custom is only observed in respect to mangoes and jack-fruit.
- 906. Nine-sixteenths to the landlord and seven-sixteenths to the tenant.—This is जीवजा nausatta. The practice has only been noted to the west and in Patna, Gaya, and South Munger; also (स्री नोवजा seri nausatta) in West Tirhut.
- 907. One-third to the landlord and two-thirds to the tenant.
  —This is नेंद्वरी tekuri or निर्देश tihaiya in Shahabad, Patna, and Gaya, नेंद्वरी tekura in South-West Shahabad, नेंद्वरी tekhuri in South Bhagalpur, नेंद्वरी tekuli in Champāran, नियन्ती tisri in Sāran and Champāran, and नेंद्वरी tesri in South Munger. Not noted elsewhere.
- 908. Two-fifths to the landlord and three-fifths to the tenant—This is using packdu to the west and in West Tirhut, usi gar packda dua in Patna, Gaya, and the south-east, and using panchdu to the west. Not noted elsewhere.
- 909. Three-fifths to the landlord and two-fifths to the tenant.—This is year packdu to the north-west, and yim year pancha dua in South Munger and Tirhut. Not noted elsewhere.

- 910. Landlord one-fourth, tenant three-fourths.—This is चौचेवा chauthaiya in Champaran and South-East Tirhut and चौडेवा chauthaiya to the west and in Patua and Gaya. Not noted elsewhere.
- 911. The following remarks as to custom south of the Ganges may be of use. The division into equal shares is rare, and is confined to the cases of high-caste tenants, or where a tenant has obtained a decree of the Civil Court restricting the landlord's share to one-half. Nine-sixteenths to the landlord and seven-sixteenths to the tenant is the customary rate, the two-sixteenths in excess which are claimed by the landlord being supposed to represent the cost of collection, irrigation, and watching the crops. When the landlord takes less than a half-share of the crop, as in §§ 905, 907, 908, and 910, it is only in exceptional cases, as in time of drought, or when a jungle or waste land has to be brought under cultivation, or when land requires much labour on the part of the tenant. In these cases the settlement is always for a limited period, say one, two, or three years, and is often on a progressive scale, i.e., in the first year the landlord takes one-fourth, in the second year one-third, in the third year two-fifths, and thereafter half of the gross produce. When the landlord takes three-fifths and the tenant two-fifths (§ 909), it is a case of special agreement with a landlord, who lets his private (खद कामन्त khūd kāsht) lands. •In calculating all these shares (except in the case of division by bundles, see § 913) only the net grain produce after threshing is divided. The tenant in addition takes all the straw.

# CHAPTER III.—DEDUCTIONS AND REMISSIONS.

912. A deduction of one ser in the maund from the amount received by the tenant is called upon supahi to the west, and also upon serhi in Shahabad. A similar deduction of 1½ sers per maund is called in South Bhagalpur an neg, or perquisite. In the case of division by appraisement (see next chapter) an allowance is made for deficient produce. This is called to the west and in Tirhut we chhūt. South of the Ganges and in Champāran it is called according garki, also are nābūd in Patna, according that in Gaya, according garki parti in South Munger, and according marki garki in South Bhagalpur. A similar deduction of 1½ sers in the maund is called in Champāran, Patna, and Gaya according derhseri; and when of two sers, said duseri. To the west according dahār mahār is the loss to both landlord and

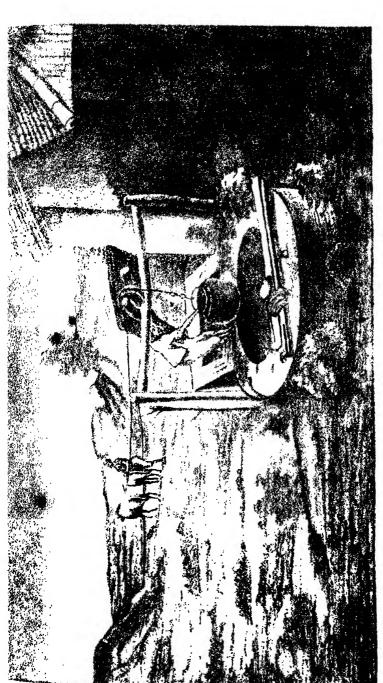
tenant when the produce is deficient through inundation. A remission to a high-caste tenant is called पगर्दी pagri or मापी maphi. North of the Ganges पद्या pachhua is an allowance made by the tenant for dust in the landlord's share of the grain. In Saran and Patna वार्था anjuri, and in Shahabad चाँचर anjur, is an allowance of one or two sers per plough taken by the tenant. चित्राची khalihāni in Patna is an allowance claimed by the tenant, and so also is माँचर bhāmwar in Shahabad and मॅगरनी mangni or माँगन māngan (½ a ser in the maund) in East Munger.

### CHAPTER IV.-MODE OF DIVISION.

913. This may be considered under two heads,—division on the field and division on the threshing-floor.

Division on the field.—This may be done either by actual division of the bundles (बोस्ता bojha) or by appraising (कनव kanab) the value of the crop. When the bundles of the cut crop are divided, this is called बोक्सन्बराइ bojhbataï or (in Champāran and South-East Tirhut) खरन्बराइ kharbatāi. To the north-west it is जजाती बटाइ jajāti batāi. The rough appraisement of the crops for the purpose of division is called an kan or कुल kūt, or कब कुल kankūt or कब कुत्ती kankutti. When the valuation is done by appraisement it is called कनकुत्ती बटाइ kankutti batāi. It is also called दानाबन्दी dānābandi generally, भौकद्दा bhaukatta in Shahabad and the south-east, दमाव damāo or दमन्त्रही damkatti in Shahabad, Patna, and Gaya. When the crops are ripe for harvesting the landlord deputes an assessor (अभीन amin) and an arbitrator (चालिस sālis) to the field. They are met there by the tenant and the village officials. The village measurer (asruc kathādhar) then measures the field with the local pole, and the arbitrator goes round it, and after a consultation with the assessor and the village officials estimates the quantity of grain in the field. If the tenant accepts the estimate, the quantity is entered in the patwari's field-book (अवस्त khasra) and the matter is at an end. If the tenant objects, his fellow tenants are called in as mediators, and if they fail to convince either party a test (परन्तार partar) takes place. On behalf of the landlord a portion of the best part of the erop is reaped, and an equal portion of the worst part is reaped on behalf of the tenant. The two portions so reaped are threshed and the grain weighed. On the quantity thus ascertained, the whole produce of the field is calculated and entered in the field-book. The tenant is then at liberty to reap the crop and take it home whenever it suits his convenience. In calculating the amount due to the landlord from the whole estimated quantity a deduction in favour of the tenant of generally two sers per maund, called gradichhutti, &c., (see § 912), is made to allow for deficient produce and for the cost of reaping, gathering, and threshing, which in this system of division is borne by the tenant. The remainder, thus calculated, is then divided into the respective shares of the landlord and the tenant, and the latter is debited with the landlord's share in the accounts. If he pays this amount within the year, it is paid in kind; but if he does not do so, its value in money is written against him as an arrear in next year's accounts.

Division on the threshing-floor.—This is बटाइ खरिचानी 914. batāi kharihāni, जारि वटाइ agor batāi (because it is watched or guarded till division), or water batan simply. The man who weighs the grain is called warm north of the Ganges. He is also इटन्वे hatwe in Champaran, Patna, and Gaya, बाया baya or बया baya to the west, घोनार sonar in Patna, and केचाल keal or बनियाँ baniyan in Patna and the south-east. His fees are called severs hatwai or warak hatwai north of the Ganges, and also was pachhua in Champaran and Tirhut. In Champaran and East Tirhut they are also सनन्पर manpai or सनन्पीचा manpaua. To the west they are नेयार beyāi or पवडी pawahi (ई ser per maund), in Gaya and South Munger चाल-वा chalsa, in Patna and Champaran धुरिया dhuriya (1 ser per maund), and in the south-east केबासी keāli or तीसार taulāi (one ser per maund). When grain is measured instead of being weighed, 16 cups (vert paila) of grain make one पाइन arha. In this system the crops are reaped under the supervision of both parties, and are gathered on a common threshing-floor (see § 879), and strictly watched by both parties. Threshing does not take place until all the crops of the village have been thus gathered. Neither party is allowed the use of the crop till the grain is threshed out, weighed, and divided. During the reaping period the tenant at the end of each day gets the gleanings of the field ( to rha, &c., see § 878), and a fixed proportion of the gross produce (दिनौरा dinaura, &c., see § 874), which go as wages to the reaper. From the joint crop the village artisans and officials (carpenter, blacksmith, shoemaker, accountant, &c., see §§1193 and ff.), who have worked all the year round for both tenants and landlords, receive their perquisites. When the heap of grain is ready for division, the grain



The skin bag for drawing water (mots), as worked with hullocks.

(Norg. - The photograph had necessarily to be taken from a great height, which throws the picture somewhat out Really the bullocks are going down hill, and the receiving vat is level ? of perspective

in Shahabad. In Gaya it is with jaser or the daser, and in Champaran, Patna, and the south-east was khambha or was khamha. Other names are with thunhi in Patna and Shahabad and the west, and the south-east. The cross beam is the banrera in the west, and the balla in South-West Tirhut. In parts of Shahabad it is with arath, and in Patna and Gaya wis pat. The branches in which the pulley works are with kanna or with kani, and the pulley axle with akhami or with akhama. Other names for this last are with danda in Champaran and South-West Tirhut, with sarra in South-West Shahabad, and the west, also with garari to the north-west and in South Munger. It is the first ghirni in Champaran and South-West Tirhut, Patna, Gaya, and South Munger, with gadda in South-West Shahabad, given ghurni in Patna, and was makeri in Champaran and to the south-east.

# CHAPTER IX.-THE PATHWAY FOR THE BULLOCKS, &c.

941. The sloping pathway for the bullocks is पौर् paudar, also द्वर dawar in Shahabad, वही bahi in Gaya, and द्वर dagar in Champāran, Patna, and the south-east. In South Munger it is also गोड़-पौर gorpaur. The portion above ground is पौर् के माँच paudar ke mānth, or to the west मचार mathār. The portion below ground is खोरंचा khoinchha to the west. A yoke of well-bullocks is called मोटाया जोड़ी motha jori. Drawing water by cattle power is मोट पदाप्य mot chalāeb.

## CHAPTER X.—THE WORKMEN EMPLOYED AT THE WELL.

942. The following labourers are employed at the well:—

The bullock-driver.—He is इंकन्या hankwa or इंकन्यिशर hanknihar; also फरन्या pherha in Shahabad.

- 943. The man who empties the water-bag.—He is ex-विश्वाद dharnihār north of the Ganges, विश्वाद chhinwa in South-West Shahabad, and मोड-डर-वा motdharwa in the rest of that district and in South Munger.
- 944. Both these men are called north of the Ganges with motwaha.

- 945. The man who distributes water in the field is called पनन्मोरा panmora or पनन्यमा panchhanna north of the Ganges. South of the Ganges he is बरन्याच barwāh in South-West Shahabad, निर्वाच morwāh in the rest of that district, and खँड्चार khanruār in Gaya. He is also बरनाचा kharwāha in Sāran and खँड्चाचा khanrwāha in Patna.
- 946. The man who distributes the water with a spade has already been described in Chapter I of this subdivision.

#### CHAPTER XL-THE PERSIAN WHEEL.

947. The Persian wheel is not used in Bihār. Its name, Tahat, is however known in Patna.

### CHAPTER XII.—IRRIGATION FROM TANKS AND STREAMS.

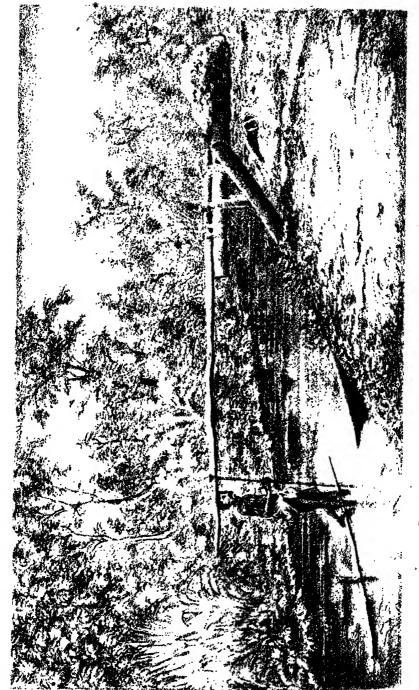
- 948. Water is raised from these either by the swing-basket or by the spoon-lever.
- 949. The swing-basket.—The swing-basket is generally चेर sair to the west and चाँड़ chânr in Central and Eastern Bihār. In Tirhut it is also दोस dhos, in South-West Shahabad दोरा daura, in Champāran and Gaya चर sar, and to the south-east चेन sain. The strings from which it swings are चोर dor or दोरो dori. The place where the men stand who work the basket is नोरचीर gorpaur, or to the west पीचा paudha. In South Bhagalpur it is चेनार sainār. The men who work it are चेरचार sairwāh, चेड़िनार chanriwāh, or दोसचार dhoswāh in the above-mentioned localities respectively. To work the basket is चेर (चाँड़ or दोस) चनापन sair (chānr or dhos) chalāēb. In South Bhagalpur it is चेन चरापन sain barāēb. The pit from which the water is lifted is चिड़िनार chariyār in Gaya and South Munger.
- 950. The spoon irrigation lever.—This is a long log of wood hollowed out like a spoon. It is so balanced that the bowl end is over the water to be raised. It is depressed into the water by the foot, and, rising by its own balance, discharges the water along its stem into the higher catch-basin. It is called and don to the west, and which crack karing to the east. The man who works it is called and donwah and account karinwah or account karingwah respectively. The place where he stands is uter pautha in the west and and alternational in Tirhut.



Irrigation bover (tatha), thousing the method of discharging water



Water-lifting with the noing-basket (sair or chant).



Irrigation lever (latha), shopping the method of tuking in mater

# CHAPTER XIII.—WATER-LIFTS AND OTHER TERMS COMMON TO IRRIGATION BY THE SWING-BASKET AND THE SPOON-LEVER.

- 951. The height to which the water is lifted is alex bodar in Saran and Shahabad, agai anua in Champaran, and ant gar in North-West Tirhut. South of the Ganges it is agai charhão, adai anaua in South-West Shahabad, and pate eghānw, &c., as follows.
- 952. When there are several lifts, the first reservoir is called है बन्दा thewka in the north-west, पदन्ता गार pahla gār in North-West Tirhut, ard बानर kānar in North-East Tirhut. South of the Ganges it is प्राचा khajāna or प्राच eghānw. Of this last there are local variants प्रधादा eghāwa in Patna and प्रवाय eghāy in South Bhagalpur. The top of the lift is पदानी arāni to the west, and पीठा sītha in South-West Tirhut, Patna, and Gaya. The catch-basin from which the water flows into the field is जीया tītha to the west. It is also परन्या parchha in South-West Shahabad, and जिल्लाकी melwāni in Gaya.
- 953. When there are two or more lifts, the second from the bottom is दोषाँव doghānw, with a local variant दोषावा doghāwa in Patna. The third is संघाँव teghānw, or in Patna संघावा teghāwa. The fourth is पोषाँव chaguhānw, or in Patna सोपावा chaughāwa. These lifts are also called देवता theüka in South-West Shahabad. Thus दो देवता do theüka, तीज देवता tin theüka, &c. The raised bank between the two reservoirs is साँवा khānwān in South-West Shahabad and संद menr in the rest of that district. In Gaya it is पाँच pīnr, and in Patna चलक alang. In South Munger and Patna it is पाँच āhar, and elsewhere बाँच bāndh or पांच bānh.

#### CHAPTER XIV.-WATER-CHANNELS.

954. The channel which conveys the water into the field is generally un pain or un paini. In Patna, Saran, and Shahabad it is also access karha, and in South-West Shahabad unt bāha. In Tirhut it is un pauth or un dawan, and in North-East Tirhut und pauti. In South-East Tirhut it is un bah. To the west und nāri is also used. In the south-east and Champaran we find une danr, and also (in South Bhagalpur) functi singha. In North-East Tirhut und kanwa, and in Patna and Gaya und kanwah, is a narrow branch channel leading from a un pain. A water-course generally is until

naddi or (in South Bhagalpur) चर्ने laddi, and its branches बादा bāha or (north of the Ganges) बद्धना bāha. In Shahabad देर chher is a shallow spring of water, and its branches निगःद्देन nigrain. In Patna and Gaya भोजिया bhokila and देव्या tanrua are small water-channels. The latter is smaller than, and is a branch of, the former. A turn in a water-course is मोरानी morāni in Patna and the north-west, and यूनान ghumān in Champāran and North-East Tirhut.

### DIVISION V.

# AGRICULTURAL PRODUCTS AND THEIR ENEMIES.

#### SUBDIVISION I.

# AGRICULTURAL PRODUCTS.

### CHAPTER I.—WHEAT.

- 955. Wheat (triticium vulgare or sutivum) is no gehuñ north of the Ganges. In East Bihār generally, however, it is non gahum. To the west it is also no gohuñ, and elsewhere south of the Ganges and in North-East Tirhut no gohum. In Gaya it is also not manda. Cf. § 823.
- 956. The chief varieties are Hear munriya, a first-class beardless wheat. In South-West Shahabad this is मंडिकाना munrilwa, सुडन्सा murla in Saran and Patna, and सुडाकी murli or भेडिया bhuñriya in Gaya. दाउदी daudi or दीदी daudi in West Bihar, or to the south-west and in Gaya दोहिया daudiya, is an excellent white beardless wheat. In Tirhut it is known as जनाज जानी jamal khāni. A white round-bearded wheat is known as दूधी dudhi or दुधिया dudhiya in South Tirhut, Patna, and South Munger. In South Bhagalpur it is a see all pachrukhi. was at lalka in Shahabad and South-West Tirhut. देशी desi or देशिका desila, and इरन्ना harna or पॅरन्सन्ना hañrrahwa, in the north-west, with hara in Tirhut, weren harhara in South-West Tirhut, परन्दा harha (Patna), केवलन्दा kewalha (Gaya), and जनानी jamāli or जमरिया jamariya to the east, are a small-grained red wheat. जन्म lalka also occurs in South Munger. North of the Ganges दोगन्दा dogla is a mixed wheat composed of जमान बार्मी jamal khani and दादा hāra. बङ्गाइमा bargahuma in South-East Tirhut is a large bearded wheat. In Shahabad ter renra means stunted wheat.
- 957. The germ of a grain of wheat is south of the Ganges 377 putti. When a grain of wheat germinates first, the sprout is called 5721 suiya or 5221 sūa; also 5321 ankurha to the north-west, and

कड़ी kanni in Patna. In North-West Tirhut it is डेप deph, and to the east डेफी dephi. The phrase used is सहया गैस suiya gail north of the Ganges, or En famous deph niksal in North-East Tirhut. To the west they say रेंड्स बा renral ba or रेंड् गैस renr gail. In Gaya they say सचाल चारे है sua awe hai, and in Patna कनियाण चारक a kaniyael awa hai. When it has further sprouted, but has not yet taken firm root, it is पुनन्दा putra. When the blade throws out shoots they are called डिग्री dibbhi; also डाभी dābhi in South-West Shahabad, and देंभी tembhi in Patna. When about six inches high it is called कीचा लुकान kaua lukān in Gaya, Sāran, and Shahabad, and कीचा अपान kaua jhapān in the south-east, both meaning sufficiently high to hide a crow. When it is cut unripe it is known as street horha. or (Tirbut and the South-East) street orha, and (optionally) in South Munger as चोल-चा holha. When the ear begins to form, they say रेडा भेल बा renra bhail ba in the north-west, मभा भेल बा gabha bhail ba in South-West Tirhut, and गल्डड़ा भेस चिंह gamhra bhel achhi in the rest of Tirhut. In Shahabad they say दुधियाण्ड dudhiyāël. In Patna and Gava a similar phrase, or the phrase native gadrael hai, is used, and in the south-east they say दुधेने dudhailai. गदनापन yadrāël is also used in Tirhut. When the grain hardens they say it is very party habsāël in South-West Shahabad, केसाएस kailāël generally; in Saran and West Tirhut also নালাতৰ gotaël, অধন্যৰ adhpakku in Gaya, केला नेस kaila gel in Patna, and कसाएस kalāël in the south-east.

958. The beard is ट्रॅंड tūnr or ट्रंड़ा tūnra to the west, and द्वंष sūngh or द्वंग sūng elsewhere. In South-West Tirhut it is द्वंड sūnr. The ear itself is बाक bāl, except in North-West Tirhut, where it is बाक bāl; in South-East Tirhut, where it is चीच sis; in South Bhagalpur, where it is चीच sisa; and in South Munger, where it is ट्रंग-ना tungna.

#### CHAPTER II.—MIXED CROPS.

959. Wheat and barley grown together are गोर्का gojai. A mixture of peas, gram, barley, or wheat, or any two or three of them, is called नेरारा terra in South-West Shahabad, गजर मधर gajar masar in the rest of that district, गजर बजर gajar bajar in Champaran, गजा बजा gaja baja south of the Ganges generally, and बटारा utra in Patna. In the north-west it is परा paira, in West Tirhut पर pair, and in East Tirhut पर paur or बिकारा bejira. Barley grown with the smaller pea (कराव kerão) is जी करार jau kerãi

- generally, also जो मटन्स jau matra to the west, जनेसद jakerāi to the south-east, and जन नेरन्म jab kerwa in North-East Tirhut. Other names are कुमरी नेराव kusahi kerāo in Patna and the south-east, कोमी kosi in South Bhagalpur, and चरन्मोरन्म नेराव harphorwa kerāo in South-West Shahabad. बेरन्स berra or बेर्स beraī in Shahabad is barley mixed with gram, and the same is called जन बुद्दा jab butta north of the Ganges, and जो बद्दा jo butta in the south-east. जो जे चन्सा jo khesra is a mixture of barley and peas (खेनारी khesāri) in the south-east.
- 960. When there is a mixture of crops, the inferior one is called तरी turi when compared with the other. Thus in जो केराइ jau kerāi the small pea (केराब kerāo), being the inferior, is the तरी tari.

### CHAPTER III.—BARLEY AND OATS.

- 961. Barley (hordeum vulgare) is जो jau generally. In the northeast it is जब jab, and in Patna and the south-east जो jo. North of the Ganges जारे jai (also in Shahabad) or जनारी jantari are shoots of barley artificially grown and distributed by Brähmans at the festival of the Dasahra. In Gaya they are जनारा jawāra, and in Patna जेंगी jainti. The prickly hairs on the ear are दूं tinr in West Tirhut, Sāran, and Shahabad; दूंदा tūnra or दूंदा sūnrha in Champāran and Tirhut; दूंद sūnr in South-West Tirhut, and also दूंव sūngh or दूंग sūng in Patna and the east generally.
- 962. Oats (avena sativa) are called the sister of barley, and are hence named जाई jai or ज jui.

### CHAPTER IV.—RICE.

963. Rice (oryza sativum), whether as a crop or threshed but unhusked, is called भान dhān. When husked it is चाउर chāir, but the flindi form चाउन chāval has also been noted in Patna. Husked rice is of two kinds, viz. घरावा arwa, which is not parboiled before husking and is eaten by the higher castes, and the cheaper, which is parboiled before husking and is eaten by the lower castes. This latter is called चाउना usina, घरावा usna, or जोगाँदा josānda. Rice when partially husked is called मुख्युर muhchur in Gaya, चावाया bokra in Sāran, and चिकाया khijāya in North-East Tirhut. Rice boiled plain is भात bhāt, when boiled with pulses it is चिकायो khichri, and when spices are added to this it is चावा चिकायो bhūnal khichri or चावी kabūli; also in

South Bhagalpur होंको chhaunki. When rice is boiled to a mash, it is called बोल-इस golhath or गोस्न-इसी golhathi. In Gaya पनिइसा panihata is a dish made by adding water to the rice left from last night's supper. In addition to the usual names, जार lār, पोसार poār, &o. (see § 894), the long straw of transplanted rice is called सोरी पेटारी mori petāri, or (in Champāran) पेटाडी petāhi or (in Shahabad) पेटाडी petārhi.

964. The varieties of rice grown in Bihār are very numerous, as is borne out by many proverbs, such as the following:—रजग्रत सो धान के सोर नाहिं है rajpūt o dhān ke or nāhiň hai,—there is no limit to the clans of Rajputs or the kinds of rice; धान बामन के एक दास dhān bābhan ken ekke hāl,—rice and Bābhans are one and the same (in number of kinds). Rice may be divided into two broad classes, those which are sown at once broadcast and are called बावग bāway, बासोग bāwy, (in Gaya) बोगेड़ा boyera, or in Patna बोगःसा boyha, and those which are sown in seed-beds and transplanted, being called रोप rop or रोपा ropa or (in Gaya and Patna) रोपःसा ropha. At the same time it should be noted that practice varies with locality, and that a kind of rice which is बावग bāway in one place may be रोपा ropa in another.

A.-RICE THAT IS SOWN BROADCAST.

965. (1) चाडी sāthi.—This is a red rice, and ripens in sixty days from sowing, as in the proverb—

साठी पाने साठ दिन, बरम्बा हो खेरात दिन.

Sāthi pāke sāth din, Barkha hokhe rāt din.

-Sāthi ripens in sixty days if it rains night and day.

In the east it is also called ন্সংবী gambhri or নৰুবী gamhri. It is sown in the month of Jeth (May-June), and is cut in Sāwan (July-August).

- (2) सोकना sokna (north-west).—This is sown with the first fall of rain in Jeth (May-June), and is cut in Bhādoñ or Āsin (i.e., in September). This crop is also called भदेश bhadaiya.
- (3) The following are sown in Phagun (February-March) and Chait (March-April), and are cut in Aghan (November-December). The names were principally

collected in *East Tirhut*, and unless the contrary is specially stated do not apply elsewhere:—

- (a) चकाल बीर akāl bīr. (In Sāran चकाल गौर akāl gīr, and in North-East Tirhut also काला गौर kāla gīr.)
- (b) ভলাগৰ ujāgar, or in Sāran ভাগৰ jāgar, which name is also current in North-East Tirhut.
- (c) चनाबक chanābak.
- (d) भारा-सर-द्न jhalmardan.
- (e) इरन्मी darmi (also known in the north-west).
- (f) देसरिया desariya (Tirhut and Champāran). In Sāran it is called जमरिया jasariya).
  - (g) पौचर pichar.
- (h) विकीर belaur (also known in the north-west).
- (i) भाँरिन bhāntin (Sāran).
- (j) মঘ-ৰত bhaislet (also known in the north-west).
- (k) ভাঁজী lănji (Sāran).
- (/). पतिरया satariya (Sāran).
- (m) साहिल sāhil (Sāran).
- (n) चिंगन्दा singra.
- (o) सोब्ब्स sobra.

GET kherha is a white bearded rice sown all over Tirhut and in Champaran. The following (also East Tirhut) are sown in Jeth (May-June). They are sometimes sown broadcast and sometimes transplanted:—

- (a) धुकरी dhusri (also known in Champaran).
- (b) **बस्तर** bastar.
- (c) राम द्वारी rām dulāri.

966. In South-West Shahabad the following kinds of rice are sown broadcast:—

- (a) কাল্য karnga \ Two kinds with a black grain (also known
- (b) करंगी karngi I in Säran).
- (c) কংশ্বনী karhanni, a small black grain (also known in Sāran).
- (d) चाटिन khātin, a coarse kind.
- (r) यदन्देर्या sahdeiya, a red kind.
- (f) चाडी sāthi. See above.

(g) বিহা serha, a small black and white grain. Like the বারী sāthi, it ripens in sixty days. The South-West Shahabad version of the saying already quoted is—

# सेडा साठी साठ दिन, जाँव देव बरन्से रात दिन

Serha sāthi sāth din, jemw deb barse rāt din.

-Serha and sathi take sixty days if it rain night and day.

In the rest of Shahabad the following kinds of rice are sown broadcast:—

- (a) पनन्सारी pansāri.
- (b) सुरँसीकर bhuinsikar.
- (c) मुँगा munga.
- (d) राम करन्डद्वी rām karhanni.
- (e) राम दुजारी rām dulāri.
- (f) साहिल sāhil.
- (g) सिरन्द्रण sirhant.
- 967. In Gaya sowing is done in the month of Akhār, in the lunar asterism of Aradra (June-July). About this asterism (ज्यार nachhattar) and the two following ones the following rhyme is current throughout Bihār:—

# . चरदरा घान, पुनरवस पैया गेब, किसान, जे वोए चिरैया

Aradra dhān, Punarbas paiya, Gel, kisān, je boe Chiraiya.

-Paddy sown in Aradra turns into plenty, sown in Punarbas to chaff, and sown in Chiraiya (or Pukh) it turns to nothing.

The paddy is generally cut in the month of Pus (December-January).

Amongst the kinds of paddy sown broadcast in this district are-

- (a) प्रदन्ती edli.
- (b) कतिका katika,—cut in Kātik (October-November).
- (c) कमन्दर kanbada.
- (d) करण्डा karhanni.
- (e) जोंगा jonga.
- (f) भौरागा jhanrga.
- (g) धुमन्दा dhusra
- (h) TETT ratua.
- (i) पानदेशका laldeïya.

- (j) चोडारा lohra.
- (k) चिरन्द्री sirhatti.
- 968. In Patna on the first fall of rain, which generally takes place in the asterism of Rohni, in the month of Jeth (May-June), the sowing is commenced. Paddy which is sown broadcast is divided into two classes—a red, which is considered superior, and is called and lalyondiya, and a black, which is considered inferior, and is called and a black. The former kind includes are kara bogha. The former kind includes are karhanni as the principal. The ear is black.
  - 969. In South Munger the following kinds are sown broadcast:-
    - (a) **Torra** ajān, a white variety.
    - (b) morel kajri.
    - (c) a cost karhanni. See above.
    - (d) चिरःदन khirdant.
    - (e) चगन्दा chhagra.
    - (f) जौगा jauga.
    - (g) ঘৰ-ঘাতা pansāha (a coarse red kind).
    - (h) बुढ़ बा burhwa.
    - (i) राँगी rangi.
    - (j) परित्र sarihan, a white variety.
    - (k) चिरन्दशै sirhatti.
- 970. In South Bhagalpur the following kinds are sown broad-
  - (a) कजरन्वरो kajargharo.
  - (b) गोचन्मा gohma.
  - (c) चाँग chāng.
  - (d) जो गा jonga.
  - (e) दुरुषर dudsar.

#### B.-RICE THAT IS TRANSPLANTED.

971. This rice is generally sown with the first rains in Jeth (May-June). It is transplanted in Sawan (July-August). In Patna the custom is to commence transplanting on the 5th of Sawan, after holding a festival, called an ukpancha, or the "fifth of the asterism (and nakhat)." The regular harvest is held in Aghan (November-December). Before this, however, some is cut for the ceremony of and fully bisun pirit (called in Saran fancizur bisunatiya), at which Brahmans are feasted on the new grain.

# 972. The following kinds of rice are transplanted in Tirhut:

- (a) Tranga, a black bearded kind.
- (b) कनक और kanak jir (East Tirhut).
- (c) white kamoch, a black kind grown in North-West.
- (d) arma, a long black kind (Tirhut).
- (e) गडमा gahuma, a red flat kind grown in North-East Tirhut.
- (f) জনবেশিয়া jugarnathiya, a similar kind grown in North-West Tirhut.
- (g) হুঘন্ডো dudhrāj, small and white.
- (h) निच्या nanhiya (East Tirhut).
- (i) वहरनी baharni (North-West Tirhut) or वहारनी baharni (North-East Tirhut), a long white variety.
- (j) भास चरी bhāl sari.
- (k) समसन्ती manasri, a red variety (also known in Sāran).
- (1) मास भोग māl bhog.
- (m) रसुनी ramuni (also known in Sāran).
- (n) चाच देऱ्या lāl deïya, or in Sāran चल-देऱ्या laldeiya, a red variety.
- (o) ধ্বিৰ sarihan (north of the Ganges generally), sown in Baisākh (April-May) and cut in Sāwan (July-August).
- (p) বিজ্ঞত silhat, with a black husk but white grain.

# 973. In South-West Shahabad the following are transplanted:-

- (a) जलन्दोर jalhor, possesses a fine grain.
- (b) केंगी jhengi, a white variety.
- (c) इधन्काँडर dudhkanrar, white.
- (d) बांचन्सती bāsmati, a superior white variety.
- (e) बैतरनी baitarni, a reddish kind.
- (f) মূর্-কাৰ্ব bhenrkābar, a coarse red kind.
- (g) मांच देवी māl dehi, a fine-grained variety.
- (h) मुद्दनी mutuni, white.
- (i) रमञ्जूषा ramjūa, fine.
- (j) লাঁক-মুবা longchūra (a black and very fine variety).
- (k) विरी केवन siri kebal, white.

# 974. In the rest of Shahabad the following are transplanted:-

- (a) वनकन्छीरा kanakjīra.
- (b) द्वारण dulahra.
- (c) दोक्की dolangi.

# 975. In Gaya the following are transplanted:-

- (a) कमन्सा परन्साद kamla parsād.
- (b) गजन्पना gujpatta.
- (c) गुड**ः**रा gudra.
- (d) गोखुन फून gokhul phūl.
- (e) मौपास भीग gopāl bhog.
- (f) डाक्स भोग thakur bhog.
- (g) दुध-गिलास dudhgilās.
- (h) धनीया dhaniwa.
- (i) नौ धारा nau dhāra.
- (i) वकोदया bakoiya.
- (k) बतास फेनी batās pheni.
- (l) बतामा batāsa.
- (m) बन्दाँटी branti.
- (n) बांचन्सती bāsmati.
- (o) साधन्वा mādhica.
- (p) सरन्धी murdhi.
- (q) **जाज नेपर** lål kesar.
- (r) साम जीरा sām jīra.
- (s) स्त्रगा पद्धी süga pankhi.
- (t) सेका selha.

# 976. In Patna the following are transplanted:

- (a) वमन्मतिया basmatiya.
- (b) सफोद sapled.
- (c) सिया siyah.
- (d) चेल्हा selha.

# 977. In South Munger the following are transplanted:-

- (a) चनार कजी anār kali.
- (b) **कज**न्सी kajri.
- (c) कचन चूर kanchan chūr.
- (d) कारी कॉक kāri bānk.
- (e) गचा-पती gajpati.
- (f) तुक्रमी फूल tulsi phul.
- (g) होलन्मी dolgi.
- (h) बांचन्मती bāsmati.
- (i) लुपन्धी lupdhi.
- (j) चिनी चार sits sar.
- (k) Test selha.

# 978. In South Bhagalpur the following are transplanted:-

- (a) जनक पूर kanak chūr.
- (b) कमोदी kamodi (a sweet-scented variety).
- (c) गोखुल चार gokhul sār.
- (d) दौना पुंच dauna phul (a sweet-scented variety).
- (e) बाग नर bag nar.
- (f) बाँच फूल bāns phūl.
- (g) बांसन्सती bāsmati.
- (h) पाचा पचिन bāsa pasin.
- (i) मनन्सरा mansara.
- (j) रमिया ramaniya.
- (k) राम दुखर rām dullar.
- (1) इमन्या hamcha.
- 979. Of all the above rices, the most esteemed is धाम जीरा sām jīra. It is a fine kind, and when cooked its fragrance fills the house. The next best is बांच-मती bāsmati or वसन्मित्रा basmatiya, which is not quite so fine as the first. चेव्हा selha may be considered as the third best.

#### C .- OTHER MISCELLANEOUS KINDS OF RICE.

- 980. And boro is a poor kind of rice sown in Asin (September-October) or Kātik (October-November) in the mud on the banks of streams and lakes. It is transplanted several times in Pūs and Māgh (December, January, and February). The lamera or (in South-East Tirhut) at jhar or in (Sāran) with jhāran is rice which has fallen from the sheaves when reaping, taken root, and grown next year.
- 981. Rice-lands.—Land which has been under a rice-crop is घन-चर dhanhar, घन-छत्त dhankhet, or घन-छत्ती dhankheti. It is also घन-चर dhankhar in Shahabad, घन-चियारा dhankiyāra in Gaya, and घन-चर dhanha in Patna. Fresh waste land ploughed up for rice sowing is चिज-नार khilmār; also नगर छत्त nawād khet north of the Ganges, and नौजीस naukhil in Gaya. In the south-east it is चिज-कड khilkat or चिज-कड़ी khilkattin To dig it in order to make it fit for sowing is चौज कोइन khil korab or चौज तोइन khil torab. The preparation of a rice-field is काइने (or कड़-चर) करन kādo (or kadwa) karab; also चन चरन leo karab in.

Saran, and HUT are masah karab in Champaran. A man who cultivates rice is HUTT dhanha to the west.

982. Seedlings.—A nursery for rice seedlings is विदार birār or faure biyār. In South-West Shahabad it is बंगा benga. The seed is बोबन bihan, विद्याद bihnāi, or बोधा biya, and the same words are also used for the seedlings of any crop; but the seedlings of rice are specially called बोदी mori south of the Ganges and to the west. They are also called बाद jarai in Champāran. The bundles of rice seedlings ready for transplanting are बाँटी ānti or बाँटिया antiya north of the Ganges and in the south-east, and the quantity transplanted at one place is everywhere except to the south-east बान bān. Seedlings of बोदी boro rice which have been transplanted once and are again transplanted are called in North-East Tirhut बाद khāru or बद्दान kharuhān. For fuller information concerning seedlings and transplanting, see 855 and ff.

## CHAPTER V.-INDIAN CORN OR MAIZE.

- 983. Indian corn or maize (zea mays) is सकर makai or सकेवा makaiya. It is also called जनेरा janera in the west and जिनोरा jinera in Patna, which names ought properly to be applied to the large millet (holcus sorghum). The stalks are दश dhattha to the west and उदरा thathera to the north generally. In South Bhagalpur they are उदेरो thathero, and elsewhere दाँड dānt or दाँटी dānti. The broken stalk is समेर lather in the North-West and West Tirhut, and नियास nighās or नियस nighēsa in East Tirhut. No special name for this has been noted south of the Ganges.
- 984. When the grains begin to form, but are not yet fit for eating, the ear is called सदा sancha. The unripe ear is द्वा duddha to the west generally, and also दोषा dodha in Shahabad. Other names are विद्या khichcha or बज्ज aju in Tirhut, दुषःषाद्र dudhghottu in Gaya, दुषा मन्द्र duddha makai in Sāran and Patna, दुषःभारो dudhbhoro in South Bhagalpur, and द्वान्यारा dantkamra in South Munger. When ripe it is सूझा bhutta or बाज bāl. When the seeds are ripe and hard, and not fit for eating, it is called प्यावाद pakthāil. The roasted ear is क्रिका horha generally, and also बार्बा orha to the east. The empty cob after the grain is beaten out is बढ़ा lenrha generally; also नेदा nerha in East Tirhut and बढ़ा lenruri in Shahabad. In Patna and South-East Tirhut an optional name is बढ़ा baluri, and South-East

Tirhut and South Munger Taril balri. In South-West Shahabad the word used is used khukhuri or after khonkhri, and in South Bhagalpur पत्री haddi. The grain beaten out is गोटा gota or गोट got. An ear with no grain in it is called भोराइ bhorah or भोराइ। bhorha north of the Ganges. When it contains only a few grains it is called पचन्नोदिया pachgotiya. The hair on the ear is सूचा bhūa to the west: also चुचा ghūa in South-West Shahabad. In Champāran and Gaya it is called सन san. In Patna it is मोंक monchh; in South Munger. मोका mochha; in Tirhut and South Bhagalpur, मोच moch or मोचा mocha. It is also called केमी kesi. The sheath of the cob is बोइया khoiya to the west, and बलन्खोद्या balkhoiya or बोकन्जा bokla generally. In Champaran another name is चलन्चोदया khalchoiya, and in South-West Tirhut बल-को balko or कोसा kosa. In East Tirbut it is खाँउँचा khoincha, in South Munger पतीरा pataura, and in South Bhagalpur पोची pocho. The male ear is called धनःबास dhanbāl or धनकरा dhanahra.

### CHAPTER VI.—THE LARGE MILLET.

- 985. Large millet (holcus sorghum or sorghum vulgare) जनेर janer or जनेरा janera generally. A variety of it is called महरिया जनेर masuriya janer to the west to distinguish it from maize (sea mays, see last chapter). So also it is called मन्दिया जनेरा nanhing janera in East Munger. Local names are गडमा gehuma and जोचारी jonhri in Sārau, जिनोरा jinora in Patna and Gaya, and गडमा gahuma in South Bhagalpur. Amongst its varieties may be mentioned a large red kind grown in Shahabad, called जॉधरी jondhri. This is called विद्वा गडमा sisua gahuma in South Bhagalpur. A similar red kind is called TA-91 raksa or रकारी raksi. This millet is little grown south of the Ganges. The only other kind noted there is a bajra, which is described as a dwarf white variety (see however \$ 987). North of the Ganges दुधिया dudhiya, or (in South Tirhut) खरन्कटिया larkatiya or नरन्कटिया narkatiya, is a dwarf white variety. The following also occur north of the Ganges: - भारतिया jhalariya, of which the head bends down, and which ripens late. जेटी jethi in the north-west is a kind sown for fodder. A kind with two grains in one husk is called is at genhuan.
- 986. The stalks cut up for fodder are est dhathera or est dhatha to the west, and est thather or est thathera to the east. When the

young plant first germinates it is अंक्रुरा ankura, and the young plant is दिशी dibbhi or डोभी dibhi. The ears are बाज bāl, or in East Tirhut optionally शोध sīs. The large stack of the stalks cut up for fodder is nाँज gānj to the west and टाज tāl to the east. Local names are क्यार khamhār or काँड़ kānr in South-East Tirhut.

### CHAPTER VII.—THE SMALL BULRUSH MILLET.

This millet (holcus spicatus or pencillaria spicata) is assess bajra in Saran. South of the Ganges it is sometimes incorrectly called मसुरिया जनेर (or in Patna जिनोरा) masuriya janer (or in Patna jinora), which is properly a different grain, a variety of the large millet (holcus sorghum ; see § 986). In South West Shahabad it is जॉधरिया jondhariya, and in South Bhagalpur गक्क्सा gahama. Just as the large millet is grown principally north of the Ganges, so this millet is grown almost entirely south of it. Hence there is great confusion in their names. The following terms relate exclusively to South Bihar:-The stalk is siz dant or sizi danti everywhere; also si diattha in Shahabad and sort thathere in South Bhagalpur. The first smoots of the plant are wagur ankhua or समा sua; also दिभिया tibhiya in South Munger and TTT suiya in South Bhagalpur. To throw out shoots is অঁপুস্থাচন ankhuāëb or মুখাচন suāëb. When the ear begins to show itself the phrase used is ज्लन्दात वा lullat ba in Shahabad, रँडा भेज है renra bhel hai in Gaya, जदन्त्रचा रहल है lahlaha rahal hai in Patna, खड़ा गेल ara gel in South Munger, and इस्टिश्वाइके halhalāichai in South Bhagalpur. When the heads are blighted and grainless, they are gust thuntha in South-West Shahabad, Tour banjhar in the rest of that district and in West Tirlut, are banr in Gaya, gr thuttha in Patna, and मुद्दिग rariya in the south-east. The fluffy flowers are ETTT ghompa in South-West Shahabad, जावा jaua in South Munger, and फुलाको phulko in South Bhagalpur.

#### CHAPTER VIII.—THE SMALL MILLETS.

# 988. These are—

(1) Panicum Italicum.—This is टॅगुनी tanguni to the south-west and in Sāran, and टॉगुन tāngun in Sāran and Gaya. Elsewhere it is कौनी kauni, or in South Munger optionally काउन kāun.

- 989. (2) Panicum mileaceum.— भाँवाँ sāñwāñ or भावाँ sāwāñ. In Tirhut it is also भामा sāma, and in South Bhagalpur भमा sama.
- (3) Eleusine coracana.—This is the most important of 990. all the millets, forming the staple food of a large portion of the population. It is महचा marua or महचा manrua. The empty dry ears after the grain has been taken out are डाँडी danti north of the Ganges; also कड्या katua in North-East Tirhut, मोही morhi in South-East Tirbut, and gat putti in South-West Tirbut. In South-West Shahabad they are खोलन्दी kholri, and in the rest of that district भूसी bhūsi In Patna and Gaya they are भूषा bhūsa or खल-कोर्या khalkoïya, and in the south-east they are ससा bhussa. The stalks are नेदचा nerua or ब्रेड्या lerua to the west, and ब्राइ lar to the north-Another word current to the north-west is रहा dhattha. In Patna they are नार nar, in Gaya नारा nara, and in the south-east जन्मा larua or नन्मा narua. In Gaya and the west ets danth or ets dant or siz danti is also used. The green ears roasted for food are उम्मी ummi or जमी umi to the west and in Tirhut, and जनी uni in Champaran. When cut somewhat riper, but not quite ripe, and then roasted, they are sites horha generally, and street orha in Tirhut and to the east. They are optionally states holha in Champaran and South Munger. In Shahabad they are wigh habus, and south of the Ganges generally बुँचन्नी ghunghni or बुचन्नी qhughni. This being an important food-crop, there are many popular sayings concerning it. The following may be quoted:-

जब सङ्घा चा के गाकी भर्ज। धिया पुता चुख चुख माकी भेरा॥ जब सदुषा में बाल भेरा। धिया पुता की गाल भेरा॥

Jab marua a ke yāchhi bhel, Dhiya puta sukh sukh māchhi bhel. Jab marua meñ bāl bhel, Dhiya puta ke gāl bhel. PULSES. 227

—When the marua began to sprout, the children dried up like flies (i.e., their food had been used for seed-grain); but when the marua came in the ear, the children got (fat) cheeks.

# मञ्जा भीन चीन सङ्घ दची। कोदो के भात दूध सङ्घ सची॥

Marua mīn, chīn sang dahi, Kodo ke bhāt dūdh sang sahi.

-Marua should be taken with fish, china with tyre, and milk with kodo.

## कोदो मङ्चा चन नर्षि। जोसन्दा धुनिया जन नर्षि॥

Kodo marua an nahiñ, Jolha Dhuniya jan nahiñ.

- -Kodo and marua are not really food-grains, (i.e. they are despised as poor men's food), just as weavers and cotton-carders can never be cultivators.
- 991. (4) Panicum frumentosum.—This is विद्या chinna or चीना china, local variants being चीन chin in East Tirhut and चीन्ह chinh in South-West Shahabad. It is of two kinds in Saran,—गौरिया gauriya and रकःचा raksa.

  The grains when boiled and then parched are called माहा mārha or माँहा mānrhu, or in East Tirhut माइ mār.
- 992. (5) Paspalum frumentaceum—This is कोट्रो kodo. In Shahabad a smaller variety is called कोट्र kodaī.
- 993. Miscellaneous.— सकर्रा makra (eleusine agyptica), a kind of grass of which the seeds are eaten. In the North-Western Provinces this name is applied to eleusine coracana, but not in Bihār.

#### CHAPTER IX.—PULSES.

## 994. Among the pulses are-

(1) Cytisus Indicus or cajanus.—This is তে rahar or তেওঁ rahar.
In North-East Tirhut it is also called ইছৰ raihar, তেতি rāhari, or তেওঁ rāhar. The dry stalks are তেওঁ rahetha

north of the Ganges, or the rahath or the rahath in East Tirhut. South of the Ganges we have stanharetha or ttan raretha (also used in Tirhut) in South-West Shahabad, रहारेडा rahretha in the rest of that district, रहारेडा rahraitha in Patna and Gaya, जार रेडा lahraitha in South Munger, and बरेडो laretho in South Bhagalpur. The pods are देही dhenrhi generally, and इसी chhemi also north of the Ganges and in Shahabad. To the East they are also चीमहि chimari or दिस-दी chhimri. In Gaya they are also बीमी chhimi, in Patna दिखी dindi, and in South Munger होंडी dinri. The stalks used for fodder are भूस bhus or मुश्रा bhūsa; also बहुचा kalua in Patna and कहुची kutuo in the south-east. This and other pulses when sprouting are known as डिक्की dibbhi or डीभी dibhi, except in the north-east, where they are new gaehh. Bread made from this pulse, gram (ब्ट bunt), and phaseolus mungo (मुक् mung), is called जिही litti or रोडी roti north of the Ganges (both these words being general terms for bread made from any grain), भगरा bhabhra in Patna and Gaya, and चितावा chitāwa in South Munger. बरी bari is a kind of round cake or fritters made similarly.

- 995. (2) Phaseolus mungo.—This is सुङ्ग mung or सूँग mūng. In North-East Tirhut it is also called सँचा सूँग maūha mūng. The pods are called the same as those of cytisus cajanus (रचर rahar). The stalks used for fodder are भूगारा jhengra in Sāran, Gaya, and South-West Tirhut, भार jhār in Champāran and North-West Tirhut, चाँड dānth in North-East Tirhut, and गाच gāchh, भागाड़ी jhamri, or भागा jhāng in South-East Tirhut. South of the Ganges they are भूग bhūs or भूगा bhūsa; also कहुचा katua in Patna and कहुचा kutuo in the south-east.
- 996. (3) Phaseolus roxburghii or phaseolus radiatus.—This is चरिंद्र
  urid or (south of the Ganges optionally) चरन्दी urdi.
  In East Tirhut it is also called कचार kulāi, करार karāi,
  or माम कजार mās kalāi. There are several kinds, e.g.,
  चोमा doma (East Tirhut), which bears in Pūs and
  Māgh (January); चरन्दी larhi (Sāran and South West
  Tirhut), नरन्दू narhu, नरन्दो narho, चरन्दो larho or चमन्ती
  usni (Tirhut), or चमन्द्रस्था aghanua (Sāran, Cham-

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pāran), which bears in Aghan (November-December); त्रेपकी tepukhi (Sāran and South-West Tirhut) or कतिका katika (elsewhere north of the Ganges), which bears in Kātik (October-November); and भर्वी bhadwi (South Munger), which bears in Bhādoñ (August-September). Another division is into black and green varieties. The black varieties are इक्का danga (North-East Tirhut), कारी kāri, करिया kariya (Shahabad and the southeast), काला kāla in Gaya, and रियाद siyāh in Patna. The green kinds are तुलाकुकी tulbulli in North-East Tirhut, दिवार hariar in Shahabad, द्राप harra in Gaya, and प्राची sabji in Patna. The pods are देही dhenrhi, केसी chhemi, &c., as above.

- 997. (4) Phascolus aconilifolius.—This has only been noted south of the Ganges. It is generally called मोथ moth. A smaller variety is मोथी mothi. The stalks used for fodder are भूम bhūs, नहुषा katua, &c., as above.
- 998. (5) Errum hirsutum (one variety) or cicer (or vicia) lens (another variety).— This is मद्धर masur or मस्री masuri.
- 999. (6) Miscellancous.— कुरन्थी kurthi (dolichos biflorus), खेंसारी khesāri (lathyrus satica),* भेंट bhent or भेंटन्याँस bhent-wāns, खेंत मास khet mās or खेत मास khet māsu (North-East Tirhut), which is apparently a variety of phascolus radiatus, भिरंगी bhirngi (a kind of wild pulso eaten by the poor), and (Shahabad) खतन्दी latri.
- * It is unwholesome for human beings, but bullocks eat it greedily, e.g., in the saying—

तुत्क तारी, बैल खेसारी,

Turuk tāri, bail khesāri. Bāman ām, Kāyath kām.

⁻Toddy is necessary for a Musalman's happiness, khesari for a bullock's, mangos for a Brahman's, and employment for a Kayasth's.

#### CHAPTER X.-PEAS.

- 1000. Peas (pisum sativum) are of various kinds. The large variety is सहर matar, or in South-West Shahabad सखर mantar. A smaller variety is कराव kerāo. This is often sown with barley, when the mixed crop is known as जो करार jau kerāi, &c., see § 959. The principal varieties are कविजो kabili (north of the Ganges) or कवन्छी kabli (south of it), which is a large white kind. It is also called घवन्छी ghebli in South-East Tirhut. North of the Ganges सुगन्या sugwa is a small green variety. Another kind is known as बजारी bajri in Champāran. बढ़री baturi in Shahabad, and कुपडी kusahi in Patna, Gaya, and the south-east, is a small black variety. In South Bhagalpur it is called भिडागरा bhithgara. Another variety is द्वान्या dabliya in South-West Shahabad, उपख कराव dabal kerāo in the rest of that district, and ढांबाखी dhābli in Patna.
- 1001. When the plant first appears above ground, it is called first dibbhi north of the Ganges and in Shahabad, but in the south-west of the latter district it is stril dabhi. In North-East Tirhut it is also called माकी gāchhi. In Gaya and Tirhut it is चाँकरा ankura, in Patna and Tirhut अंद्राया ankhua, in South Munger कमन्त्री kansi, and in South Bhagalpur next gajur. When the pod appears, the phrase is to the north of the Ganges पटा जागत वा pata lagat ba, or a similar phrase In South-East Tirbut they say that the plant is very pataël or very patra. In Shahabad they say it is गदन्राप्रस gadrāël; in Gaya and South-West Shahabad they say देंही सामस है (or मा) dhenrhi lagal hai (or ba); and in Patna डिप्डी सामस है dindi lägat hai. The pod when fully formed is ढंडी dhenrhi, कीमी chhimi, केमी chhemi, or किम:डी chhimri to the north, and दिखी dindi to the south. In South Bhagalpur it is देंड़ी dhenri. The unripe pods are गाइ yād or गाइ। gāda, and when used to make a pottage they are called azent batkar in South-West Shahabad. The young shoots are also used for pottage. These are called north of the Ganges साम sāg or भाजी bhāji, the latter principally to the west. When cooked to a soup it is called ut parch, and in Patna and Gaya भोर jhor. In South Munger they are चन्दा chanda, and in South Bhagalpur मटन्दो साम matro sag. The young shoots cooked with pulse are called इसन्पेता dalpainta in South-West Shahabad, and दक्षमणा dalsagga in Patna, Gaya, Saran, and the south-east.

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#### CHAPTER XI.-GRAM.

- 1002. Gram (cicer arictinum) is बूँड bunt generally. It is also called चना chana in Saran, बेदाम bedam in East Tirhut, and रिचा rahila* to the west.
- 1003. नोनी noni or चटाइ khatāi is the oxalic acid and acetic acid which form on the leaves. In Shahabad पीयर pīyar is a kind of which the grain is yellow pointed, and बूँटी būnti, or in Patna चनी chani, is a smaller variety. Another small variety is बहुरी baturi in Shahabad.
- 1004. The young shoot as it first appears above ground is said to be सद्द्वाद्व suïāil. In East Tirhut they say of it खर फॅनल के क sūi phenkalkaik. The shoot is called the dabh in South-West Shahabad, and find dibbhi in the rest of that district. In South Munger it is दिसी tibbhi, and in South Bhagalpur गन्तर gajur or स्वा sūa The young leaves used as pot-herbs are known as साम sag or भानी bhaji, the latter principally in the west. The pod is ढँढ़ी dhenrhi generally, also कीमी chhimi north of the Ganges. Another name is कीमड़ि chhimari or किमन्दी chhimri in East Tirhut. In Patna it is ferst dindi, and so also in South Munger. In South Bhagalpur it is देंद्री dheuri, and in South-East Tirhut optionally डीरी diñri. The unripe pods are कचरा kachra, and elsewhere and kachri. When the gram appears in the pod, the verb used is nestly gadraëb. The plant is then called in South-West Shahabad uzin patki, and in the rest of that district चटाकोचा chatkoha. In Gaya the phrase is चिहरा लागन है chitura lagal hai.

पहिरहिना के पूरिक चे। री प्रहिरहिना के दान। प्रहिरहिना के कैनी स्थिरवरा, बहुत मोटेनें गाल।।

Ehi rahila ke püri kachauri, Ehi rahila ke dül ; Ehi rahila ke kailiñ khirawara, Bahut motailen gül.

^{*} E.g. in the song-

⁻I made this gram into pūri (thin bread fried in clarified butter) and cakes into pottage khirawara (cakes of rice-flour prepared in hot water), and my checks got very fat.

and in Patna पहा धरिस है chatta dharis hai. The husk of the gram is बल्खा balukha in South-East Tirhut; elsewhere it is सुसा bhussa, मुंचा bhūnsa, or मुखा bhūsa. Gram injured by rain is सराइल marāil, in Sāran मल्ल galal. In Tirhut it is माइल गेल māral gel. South of the Ganges it is पतन्त्रम् putlaygu or पतन्त्रम् patlaynu, except in South-West Shahabad, where it is चन्त्रा ukthu, in South Munger द्वियाण्ड dahiyāël, and in South Bhagalpur दिश्याण्ड dagiyāl.

#### CHAPTER XII.—SUGAR-CANE.

1005. Sugar-cane (saccharum officinarum) is known generally as जब ûkh or जिंच ûkhi. In Tirhut, Patna, Gaya, and South-East Bihar a more general name is नेतारी ketāri. In North-East Tirhut it is also known as कुसियार khusiyār. Among the varieties are—

greate kusihār (south of Ganges), a dwarf hard variety.

केतार (Gaya and the south-east), केतारा ketāra (Patna), केवानी kewāli (Sāran), केवानी kewāli (Shahabad), रींदा raunda (South Munger), a tall thin variety. Ripens in Kātik (October-November).

नेवारी kewāhi,—see नेनार ketār.

चिनिया chiniya or चिनियाँ chiniyan, which is a soft, large, whitish cane. Good for eating in Phāyun or Chait (March). It is called पनन्यारी pansāri in Gaya and Shahabad, पनन्याची pansāhi in Sāran, and also पनन्याची panchhāhi or पँचिया pansahiya in the south-west of that district and in West Tirhut. In South Bhagalpur it is called पीँदी paunri.

नरन्गोरी nargori (North Bihar),—see वरींखी baraunkhi.

पश्चिमारी pachhiyāri,—see पोँड्रा ponrha.

पनन्काची panchhāhi, पनन्मारी pansāri, पनन्साची pansāhi,—800 चिनिया chiniya.

पोंदा ponrha (west), पोंदा ponra (Patna and Gaya), पश्चिगरी pachhiyāri (South Bhagalpur), a tall, stout, juicy variety.

पीँड़ी paunri,-see चिनिया chiniya.

बराँखी baraunkhi (Sāran), बर जब bar ūkh (South-West Tirhut), or बरगोरी nargori (North Bihār generally). This is thin, with a reddish bark. The juice is sweet and thick. स्व की bhurli (North-West Bihār and West Tirhut), a very thick short cane, full of juice. Fit for eating in Baisākh (April-May). समस्तो mango,—a small, hard, red cane,

र्वन्डा renura (North-West Bihār and South-West Shahabad) or सकरचीनी sakarchīni (Patna and Gaya),—a yellowish kind, not good for eating.

रींदा raunda,—see नेनार ketar.

स्तारा है lalgonri, - a tall, red variety.

सकरन्यीनी sakarchīni,—see रॅंबन्ड्रा renura.

सादी sāhi (South-West Tirhut), - a dwarf variety.

इश्वनी hathuni (Sāran and West Tirhut),—a moderately thick variety.

1006. A cane-field is to the west जलाँच ukhānw or जलारी ukhāri. Elsewhere it is simply जख (or केतारी) के खेत ūkh (or ketāri) ke khet. Sugarcane land requires careful cultivation, or, as the saying runs, नीन पटावन, तेरप को इन tin patārcan, terah koran,—three waterings, thirteen hoeings. Land prepared for sugar-cane is उचाँच ukhānw in North-West Bihar. When the land is left fallow the autumn preceding the planting, the plant is called पोड़ा porha in the North-West and in South-West Tirhut, and सुँगार sungar in North-West Tirhut. When an autumn crop is taken the season before planting the cane, the system is known as जरी jari to the west, or in Saran नारी nāri. In North-West Tirbut it is called दोन्स dotura. South of the Ganges it is generally called चौमास chaumās. When cane is cultivated without irrigation, a typer of leaves, grass, &c., is thrown over the seed and acts as a sort of hotbed. This system is known as खदियाची स khadiyāil to the west and in South-West Tirhut, and गोधा पटाप्रव gon patäëb in North-West Tirhut. To the west two ploughs are used in cane-planting. The first is simply called इर har or पहिंचा वासा इर pahiya wāla har; the second is called कान्दी के दर kānhi ke har in Saran and भडीनी bhathauni in Champaran. The second plough has a bundle of grass tied round it, called कान्दी kānhi or काँनी kānni, to widen the furrow. The furrow is everywhere futiet sirāür, also tu rch in North-East Tirhut. South of the Ganges a second plough is not used. In Azamghar the furrow is filled up by ploughing a second furrow alongside it, but in Bihār this is usually done by hand.

1007. The first watering of the cane is गणा दार ganda dhār in Gaya and South-West Shahabad; in the rest of Shahabad it is चॅब-का

chhenuka. In Patna it is पनगणा panganda, and in South Bhagalpur जॅथन्री पटावन andhri patāwan. Elsewhere it is simply परिख पटावन pahil patāwan. The second watering is कोड़ा kora in Patna. Elsewhere it is दोषर पटावन or (पानी) dosar patāwan (or pāni), with a variant दोषन्री पटावन dosro patāwan in South Bhagalpur. The third watering is खांखन्री ākhri in Patna; elsewhere तेषर (or तेपन्री in South Bhagalpur) पटावन (or पानी) tesar (or tesro) patāwan (or pāni).

1008. Cane sprouting from the roots left since the previous season is known as खँटी khūnti north of the Ganges, and also खुँटिया khuntiya in North-East Tirhut. When sprung from fresh seed it is known as बाबग bāwag, or (optionally) in Tirhut Trop. Cane sown after the autumn crop is cut is known as जरिया के जख jariya ke ūkh to the west, and also भारी के जब nāri ke ūkh in Saran. In South-West Tirhut it is दोत्रा के जब dotura ke ükh. Elsewhere it is known as चौमसिया chaumasiya. Cane cut up for seed is known as गँड़ा genra or गँड़ी genri to the west, and टोना tona or टोनी toni to the cast. गुष्ती gulli is also used in Shahabad. In Patna it is also called पाँ इन्ड्रा ponhra, and in South Bhagalpur बौदन bihan. When only the top of the cane (which sprouts quicker than the rest) is cut up for seed, the pieces are called चौर anger in Saran, चौँरा angenra in Gaya, चगारी agari in Patna, चमन्दा agra in South Munger, and with aga in South Bhagalpur. North of the Ganges they are called बिध्या badhiya or (in North-West Tirhut) फुनजी phungi. The hole in which the cane slips are kept before planting is खाद khād in Sāran, खाता khāla in Champāran, गाइर yāra in Shahabad, गॅडन्मार gunrsar in Gaya, बलन्मार balsar in Patna, and टोनन्खाद tonkhad or zincerar toukhāwa in the south-east.

The sprouting eyes of the cane are with ankhi or with ankhi 1009 in Gaya and to the west generally; so also in South Munger. In North Tirhut they are अधिया ankhiya, and in South-West Shahabad चंदाना ankhwa. In Patna and East Tirhut they are ซัตซเ unkhua, and in South Bhagalpur अंखियाच ankhiyāy. When just sprouted, the cane is called yard puari in Champaran, at pauri in South-West Tirhut, and nitil gobhi elsewhere north of the Ganges. In Shahabad it is called খাই poi, in Gaya it is said to be অনুবাসৰ ankurāël, in Patna चॅंड्चाप्रल ankhuāël, and in Saran सहराप्रल suiyāel. In South Munger it is হৈন্দ্ৰী tibbhi, and in South Bhagalpur ভিদ্ধী diphi. The earth is hoed (कोइस koral) once after the cane has sprouted. This is called पुचारी के जोन puari ke jot in Champaran, and कच्छरिया anhariya in North-Fast Tirhut. Elsewhere it has no special name. The chief hoeing is done in Akhārh (June-July), and is called चलाड़ी कोइन akhārhi koran or चदःरा के कोइन्नी adra ke korni. To the west it is called चलाड़ी कोइ asārhi kor, and in Gaya it is पासा pāsa.

- 1010. The root is जह or जर jar to the north-east, and सूह murh elsewhere north of the Ganges. In Shahabad it is जड खर jar khar, in Gaya and South Bhagalpur खुरी khunti or खंडिया khuntiya, and in Patna and South Munger जही jari or जहिल्या juriya. When the sprouts are two or three feet high, they are called ever tonta in Patna. Elsewhere they have no special name: the plant is simply described as भर ठंडना blar thehuna, or in some similar way. The knots on the cane are vit por, and (in Shahabad) viz poi. They are also called fut give or fut giveh. When these become visible. the plant is called पोराना porana in Champaran, Patna, Gaya, and the east generally. In West Tirhut they are fugina, and in South-East Tirbut पोर कोरन्ता por chhorna. In Shahabad they are called हें होता denrauka. When the plant is ready for cutting, it is called चगरन्त्रम् agarbandhu in Patna and चौगरन्त्रम् angerbandhu in Gaya. In the south-east it is sig dam. Elsewhere it has no special name. A sprout of cane is structure ankh north of the Ganges and in Shahabad and Gaya. In North Tirhut it is अंखिया ankhiya, in Patna अंखुआ ankhua. in South Munger कन-सी kansi, and in South Bhagalpur गॉभी gonihi. The leaves at the top and the upper part of the cane are wire agenr in the west, and ne genr in the south-west of Shahabad. In Patna and Gaya they are चॅमेरी angeri, and also चमन्दा agra in the latter district. In Tirhut they are unix pagar, in East Tirhut will chhip, and in the south-east uning pagra. The dry leaves at the top are unin m Sāran and South-East Tirhut, पतन्दर pathar in Champāran and North-West Tirhut, पतन्ती patto in South-West Tirhut, and पतन्त्रम patras in North-East Tirhut. In Shahabad they are vat patai, in Gava पतौरा pataura, in Patna पतन्तूस pathul, in South Munger पतौरा pataura or पनन्डोल pathol, and in South Bhagalpur पलन्डोर pathor. Shoots coming from the knots are कन-गोजर kangojar or कनोजर kanojar in South East Tirbut.
- 1011. A branch springing from the bottom and injuring the plant is दाँचा donj in Sāran and South-West Tirhut, पर की pachhkni in Champāran, फुटन्ना phutna in North-West Tirhut, and गोभी gobhi in East Tirhut. In South-West Shahabad it is कमन्दी kankhi, and in the rest of that district गॅनन्सा ganukha. In Patna and Gaya it is चाँका jonka, and in the south-east पशुद्धी paguri. In South Bhagalpur

it is also पडेंच pahunch or पोरंगीयो pornowo. When a plant is attacked by insects, which are called in Sāran and Champāran चीना sīna o गड़ा tāra, it is called north of the Ganges कनाइन kanāil or रतन्द्र ratral, or (in Tirhut) कनाइ kanāh. The latter name is also current in South-West Shahabad, and variants are कनाइा kanāha in South Munger, कानो kāno in South Bhagalpur, and काना kāna in Patna. In Gaya it is called रताण्ड ratāēl, and another term in use in Patna is रगण्ड rasāēl. North of the Ganges a plant is called मुझ्यारी मार् आपाणुकां māral when the top withers and fresh sprouts (देनी teni in Sāran and दोंडी donji in Tirhut) come out from underneath.

- 1012. The green top cut for fodder is जाँड agenr or जाँड anyer in Sāran, गेंड genr in Champāran and Shahabad, जाँडी angeri in Patua and Gaya, and also जाँडा agra in the latter district, and जांड agār in South Munger. In Tirhut it is पगर pagār, and in South Bhagalpur पगड़ा pagra. The piece between two knots cut for cating is पोर por. The piece of cane chewed at one time is युवा gulla, or (in Shahabad) optionally युवा gulli, and the refuse thrown out of the mouth जांड्या khoiya north of the Ganges. South of the Ganges it is generally जांडिया khohiya or जांडा chepua, local names being जिंदी sitthi in Shahabad and South Munger, (also used in West Tirhut) and जांचा chopa in South Bhagalpur. For the pieces of cane cut for the sugar-mill, see § 288.
- 1013. A bundle of canes is ঘাঁজা pānja. A large bundle is ৰান্ধা bojha, which is as much as can be carried by a man.
- 1014. Among the preparations of the sugar-cane may be mentioned रम ras, or क्यार kachras, and in South Bhagalpur क्यों रम kancho ras, which is the juice of the cane. When boiled down and undrained, it is राम rāb or (in Patna and Gaya) राम rāwa. When boiled down for a longer time, it becomes युर yur or मूर yūr (often spelt युद्ध, मूद्ध). When made up in smallish balls it is called मेची bheli. Other names are fatt mithāi, and, when made round and flat, पानी chāki and पनारी chākri in Sāran, and पन्नी chāki in Patna and Gaya. The raw sugar which remains in the bag after pressing the rāb 'is called पन्नर sakkar, or in Patna, Gaya, and the south-east पन्नर sankar. When dried, it is called पान khānr or पूर्ण bhūrra or पूरा bhūra, i.e. brown sugar. The molasses, or juice which runs out of the bag when the rāb is pressed, is called पान chhoa, or in South-West Shahabad िपरा sira. विचारी misri is sugar-candy or loaf-sugar, and चिन्नी chinni or पीनी chini is refined brown sugar (पार sakkar or पुरा bhūra). The molasses (पाना chhoa) above

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mentioned is used in tobacco manufacture, and is then called समार tugār in Gaya, गरिया gariya in Patna, and फाँक phānk in South Bhagalpur.

1015. In a sugar-refinery रस ras (or in the north-west सरस्वत sarbat) is the raw sugar dissolved in water. सेस mail is the seum taken off the boiling-pans. To the south-east this is सेसा maila, and in North-West Tirhut and Shahabad मिस्या mahiya. The boiled juice is सीरा sira, and the clear filtered juice राम तेरम rās ke ras. To the north-west the juice after the first filtering is दोमा doma, and after the second टोपारी thopāri. When the seum is mixed with water and again boiled, it is called प्रभावा pasāwa.

#### CHAPTER XIII.—COTTON.

- 1016. The cotton-tree (gossypium herbaceum) is known everywhere except to the south-west as any banga or aim banga, with a local variant จา๊ก bāngo in South Bhagalpur. To the west it is called कपास kapās, which properly means the cotton in the pod. Most kinds of cotton ripen about Baisākh (April-May). Amongst the varieties may be noted wifing bhogila (north of the Ganges), a good kind with large pods, and of medium height; भोचन्दी bhochri (north of Ganges), a small variety, of which the cotton is apt to get blown out of the pod by the wind. फंटन्याल phetwal is a kind grown in North-West Tirhut, and गाजर gājar is one grown close to the house in the Titl bari, and not in the fields, in North-East Tirhut and Shahabad; Tear rarhiya (Patna, Gaya, and the southwest), a dwarf variety; बहुँचा baraisa (Patna and Gaya), a large variety; खरन्मा larma (Saran), नरमा narma and इवन्ती henuti (Shahabad), a dwarf variety. Other kinds grown in Shahabad are bañrchha or बेंड्डा bañruchha, and मनव्ये manuan, and in Munger we find nier gola and ene suphed. Tirhut is famous for a special kind of cotton which ripens in Bhādon (August-September), called atazī kokti or way bhadaiya, which is of a red colour, and of which thread and cloth of extreme fineness are made. A dress of kokti cloth lasts a life-time.
- 1017. The uncleaned cotton in the pod is कपास kapās, also बाँगा bānga in East Tirhut, बाँगो bāngo in South Bhagalpur, and काँच इसा kānch rūa in South Munger. To clean the seeds from cotton is बोडन otab or बाँडन ontab, and the operation is called

पोटानी otni or बोहार otā in Saran, and बोहार auntā in South Bhagalpur. The last two words also mean the wages paid for cleaning. The cotton-pod is called इंड dhenrh to the north-west and इंडो dhenrhi in Tirhut and South Bhagalpur. In Shahabad it is दोंडो dhonrhi, in Gaya देर ter, in Patna and South Munger दिखी dindi or बोड़ी dinri. The cotton-seed is बनीर banaur to the west, बंगीर bangaur in Tirhut, बंगीरा bangaura in South Munger, and बंगडी bangthi in South Bhagalpur. In South-West Shahabad it is बंदीर bandaur. A cotton-picker is खोड़ जिसार lorhnihār (which means simply 'gatherer') in the north-west; elsewhere there is no special name. North of the Ganges he or she is paid by a share of the cotton picked. This is called पर pai in Saran and South-West Tirhut, पोइ poi in South-East Tirhut, and बोदन boin in North-East Tirhut. In North-West Tirhut the share is a fourth of the crop, and is called चौडेवा chauthaiya.

1018. The stages of growth in the plant are as follows:-

When the first leaf shows, it is called पतियाप्र patiyāël north of the Ganges. In South-West Shahabad it is इसी dubbhi, in the rest of that district डिसी dibbhi, and in Patna and Gaya कनियाप्रस kaniyāël.

The next stage is दोपतिया dopatiya to the north-west, and also south of the Ganges generally. In Tirhut they say it is कपारी फोरल kapāri phoral. In Gaya it is पतिया patiya, in South Munger दोपनी dopatii, and in South Bhagalpur दुपतियो dapatiyo.

The third stage is चौपतिया champatiya or (to the north) चरन्पतिया charpatiya, and in South Bhagalpur चरन्पतियो charpatiyo.

The flower has no special name, and is simply called फूस phūl. To flower is फसापन phulāëb.

The pod bursting is कपास फूटब kapās phūtab to the west, and in East Tirhut बाँगा फूटब bānga phūtab. In South Bhagalpur it is बाँगो फूटब bāngo phūtab, and in South Munger फोटा phota.

- 1019. Raw cotton is कपास kapās, or बाँगा bānga, बाँगो bango, &c., as above. In East Tirhut बाँग bāng is also used. To the west बाँगा bānga means cotton stalks. From रहिया rarhiya (raw cotton) about one-sixth clean cotton is obtained; from भोचन्दी bhochri and कोकन्टी kokti, about a quarter; from भोगसा bhogila and इंबन्ती henwti, about a third; and from फेटन्बास phetwāl, about two-fifths. भिक्तन्दा mijhra north of the Ganges is a mixture of भोचन्दी bhochri and भोगसा bhogila.
- 1020. Cotton is the subject of many proverbs, as (for instance) South Munger proverb जेवन्दा बादच विगन्धा बाँग, कसद में डोरो ना, jekra

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bārah bigha bāng, kamar meñ doro na—(here's a fine miser) he has twelve bighas of cotton and can't afford a string for his waist.

#### CHAPTER XIV.—TOBACCO.

- 1021. Tobacco (nicotiana tobacum) is तमाकू tamāku or तमाकुस tamākul. It is little grown south of the Ganges except in South-Bhagalpur and South Munger. North of the Ganges there are three main classes:—
  - (1) देशी desi or (North-East Tirhut) बड़की barki.
  - (2) विज्ञापनी bilāëti or (in Champaran and North-West Tirhut) कल कितिया kalkatiya.
  - (3) ভার্থা jethua, which is sown in Māgh (January-February) and cut in Jeth (May-June).

In East Bihār are found धमानुस dhamākul, a broad-leafed variety, and पनन्डिट्या pandathiya and धॅगन्डीया khangrīwa, narrow-leaved varieties.

- 1022. In Shahabad मोरन्सम morhan are long leaves of the best kind, and केंच्या chheua the next quality.
  - 1023. When manufactured, there are three main kinds:-
    - (a) Chewing-tobacco.—वैनी khaini or सुरन्ती surti, or in Patna दोखन्ता dokhta. Some people call this कल जुज के खिल kal jug ke amrit, or the ambrosia of the kali age.
    - (b) Snuff, which is नास nās or नस nas.
    - (c) Smoking-tobacco.—This is called पौचान piani or पोनी pini generally. Among its kinds may be noticed काला kāla (North-West and South-East Tirhut) or पकुषा pakua (Tirhut), which is the coarsest kind. कर्द kandat or सुसना bhusna in South Bhagalpur, and गूँडी gunri in South Munger, is broken tobacco. कर्या karua or (in South Bhagalpur) कर्यो karua is a second-class strong kind. दोरसा dorassa, or in South Bhagalpur दोरसो dorasso, is a mixed tobacco of fair quality. Another similar kind is called समासन्दार masāldār or महन्तीया mahkaua. यसीरा khamīra is a scented kind mixed with spices, and सादा sāda is the plain kind in common use. महाया malua to the west is the usual kind sold in

shops, and दोकानी dokāni is the cheap kind used by the poor.

- 1024. The stalks are such danti generally, with local variants siz dant in South Munger and डंटन्की dantki in South Bhagalpur. In East Tirhut they are also sta danth. The refuse broken leaves and stalks are भाका jhāla in the south-east, and in South-East Tirhut खरनान kharsan. When blisters come on the leaf when ripe, the verb used is चह्द charhab; also गुज-ठियाप्रव gulthiyaeb or चितियाप्रव chitiyaeb in Champaran. The blisters themselves are called fund chitti. seed-capsules are चूनी yhūni in Sāran, भर phar in Champāran, and विश्वी bichchi in Tirhut generally. The nipping or cutting off of the head is पता तूरव pata turab in Saran and South-West Tirhut, कोपन्नी chhopni in South-East Tirhut, and anza kātab or azaal katni elsewhere. Sometimes shoots appear after doing this, and they are called दोंजी donji. Other local names are पचन्छी puchkhi in Sāran and Champaran, कनोजर kanojar in North-East Tirhut, कनेस kanail or काँखी kānkhi in South Tirhut, and कनर kanai in the east generally The first crop is called सोरञ्चन morhan. A second crop raised from the roots is दोंजी donji, or in South Bhagalpur खँटिया khuntiya. Tobacco seedlings are called ut ut poa in South Bhagalpur.
- 1025. Tobacco is the subject of many proverbs and tales. An example of the former is—

# चून तमाकु धान के, विन माँगे जे दे। सुरन्पुर नरन्पुर नागन्पुर, तीनू वस कर से॥

Chūn tamāku sān ke bin mānge je de, Surpur narpur nāgpur, tīnu bas kar le.

- The man who mixes tobacco with lime (for chewing) and offers it without being asked, conquers (by his virtuous action) heaven, earth, and the lower regions.
- 1026. A folk-tale about tobacco runs that a villager who went to a distant village to visit his friends found them smoking in the morning before they had said prayers, whereupon he said—

## भोर भए सतुस सभ जागे। ऋका विकास बाजन जागे॥

Bhor bhae, manus sabh jāye, Hukka chilam bājan lāge.

-At daybreak the people awoke, and immediately the hukkas began to gurgle.

To which one of the smoking party replied-

# खैनी खाए नः तसाक्रुपीए। से नर बतावः कैसे जीए॥

Khaini khāe, na tamāku pie, Se nar batāwa kaise jie.

-Show me the man who can live without either chewing or smoking tobacco. This verse has passed into a proverb.

1027. Tobacco is often compared to the river Ganges, which has three streams,—one of which flows to heaven, another to hell, and the third to the world of mortals. So also tobacco has three branches, viz. snuff, which, by being smelt, goes upwards; smoking-tobacco, which, by being smoked, goes downwards; and chewing-tobacco, which goes neither up nor down.

#### CHAPTER XV.-OPIUM POPPY.

- 1028. Opium poppy (paparer somniferum) is पोसन्ता posta or (in Patna) पोसन posat. The advances made to the cultivators are दादन्ती dādni. The average produce per bigha is सरद्द परन्तर sardar partar or परन्ता parta north of the Ganges and in Gaya. In Shahabad it is मास māl, and in Patna पेदा paida. The rough measurement of the field is सठावन्दी lathābandi in South-West Shahabad, and elsewhere south of the Ganges नाप nāp. North of the Ganges it is नापी nāpi.
- 1029. The poppy petals are पूज phūl, and the heads दें denrhi, or in Patna रिक्वी dindi. The cakes of poppy petals are फुलन्पना phulpata in Champāran, फुलन्पनी phulpatti in Sāran and Tirhut, and पान pattal in Patna. Elsewhere they are रोटी roti.
- 1030. The instrument used for piercing the capsule is नदरनी naharni, or in Tirhut optionally जवरनी laharm. In Patna and Gaya it is नरस्की narhanni. To lance the capsule is पाइव pāchhab. The milky juice which exudes is दूध dūdh, and the opium yield is माज māl. The scraper used for collecting the coagulated opium off the pod is called चित्रचा situha or नित्रचा situa. In South-East Tirhut sometimes a bamboo scraper is used, called पोइन्नी pochhai. The gathering of opium is चरापव uthāēb generally. Local words are काचव kāchhab to the north-west and in North-West Tirhut, and पोइव pochhab

- also in North-West Tirhut. The person who lances the capsules is पहानिषार pachhnihār or (fem.) पहानिषारिन pachhnihārin, and he or she who collects the congulated opium which has exuded from the capsule is उटीनिषार uthaunihār or उटीनिषारिन uthaunihārin. The grain of the prepared opium is दाना dāna, and its consistency सुखन्यम sukhwan.
- 1031. The grains of opium-seed are হালা dāna. The shell is ভাষা khoiya north of the Ganges, and ভাষা khohiya in Gaya. In South-West Shahabad it is ভাৰাৰী khohii, in the rest of that district and in South-East Bihar ৰাজ্য bokla, and in Patna ৰক্তা bakula. In Gaya ভিত্য chitura are poppy capsules which are empty and have not borne seeds. The oil-cake prepared from the seeds is বিলা pinna or पौना pina.
- 1032. The refuse opium, consisting of the washing of the vessels, &c., is बोचन dhoan north of the Ganges and भोरे dhoë south of it. In the south-east it is भेर dhoc. The refuse scraped from the vessels is ज्ञान khurchan, or (Gaya, South-West Shahabad, and South Munger) बचोदन khakhoran. The juice which drains off the fresh opium is परीना pasewa. This is inspissated on rags, and the product is कपा kapha, of which काफा kāpha in Shahabad and कपा kappha in Säran and South Munger are local variants. The fluid opium used in pasting the leaves on the cakes is जेना lewa in Patna, and the cakes themselves are गोरी goti.
- 1033. Preparations of opium.— सदक madak is made by boiling down and inspissating the juice (चरक arakh) of pure opium or कथा kapha. This inspissated juice is known as किमाम kimām or (in Gaya) केमाम kemām. With it are mixed cut-up betel or guava leaves, known as जास jāsu. The pipe used for smoking madak is known as जास jāsu. The pipe used for smoking madak is known as जास jāsu. A small piece of madak, known as जोगा tharhiya, or to the south-east जेक meru. A small piece of madak, known as जोगा chhita, is ignited in the bowl of the pipe with a spill of charcoal, called कज़म kalam or (in South Bhagalpur) कॅगाइ। kangra, which is held by a small pair of tongs, called चिमारा chimta in the north-west and चूरी chūnti south of the Ganges.
- 1034. चाड chandu or चाँड chandu is the distilled juice of pure opium, and is smoked in an earthen bowl called चिन्नम chilum to the north-west and द्वास dawāt south of the Ganges. This is attached to a stem called चिन्नम niyāli in Sāran, Patna, and Gaya, नरचा narcha in Champāran, and नर nar in North-West Tirhut. Another name is चन्नू bambu or चाँड bāmbu, bamboo. It is stirred with an iron skewer, called चन्न thak.

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When it is desired to make the preparation extra strong, the sediment which accumulates in the stem of the pipe is added. This is called बता anchi south of the Ganges generally, रची insi in South Munger, and रची inchi in South Bhagalpur. In Patna it is also called करी kainti, and in Champāran करी kaiti.

1035. पिनिक pinik is the drowsiness produced by opium intoxication, and चुण-को chuski the quantity of opium water drunk at one-time.

#### CHAPTER XVI.-HEMP.

- 1036. The hemp plant (cannabis sativa) is known as गाँजा gānja when cultivated in Rajshahai, and भाँग bhang when wild elsewhere. The leaves are known as भाँग bhang or भाङ्ग bhang (generally), समुजी sabuji (north-west), or सम्बाह्म sabja (Patna and Gaya). A favourite way of taking the drug is in the form of a sweetmeat, called मजूम majūm or माजूम mājūm. चरम charas is the resin which exudes from the flowers and leaves.
- 1037. The flat gānja is चपन्टा chapta or चिपन्टा chipta; also in Shahabad कर्नी kali. The round gānja is गोस yol, also गिर्निरिया girgitiya in South-West Shahabad, and also पमन्दी pamri in the rest of that district. Broken gānja is रोरा rora or चूर chūr, or (in Gaya and South Munger) रहे raī. In Shahabad चालूचर bālūchar and जासर jāsar are two kinds of imported gānja. Gānja with stalks attached is called डाही dārhi in Shahabad. चेदिन medani or चेदिनी medni is a plant taken with gānja.

#### CHAPTER XVII.-INDIGO.

- 1038. Indigo (indigofera tinctoria) is जीज līt. The word नीज nīt used by Europeans is a Westernism borrowed from Ūrdu-knowing subordinates.
- 1039. Indigo sown before the rains and irrigated by artificial means is called परोचा patana. The first cutting is मोरन्सन morhan. The second cutting is खूँडी khūnti or (in South-East Tirhut) ट्रॉजी donji, and the third cutting is called तें जी tenji or ने खन्दी telri, or in the northwest निराँडी tirānti. If the second or third cutting is allowed to grow on to the second year it is called कसम kalam or कसनी kalmi. In South Bhagalpur there are two sowings (बावग bāway),—one called कनिकी

katiki (कातिक Kātik = October-November), and the other फ्छानी phalguni (फाछान Phālgun = February-March). In North Bihār the chief sowing is the फग्रनी phaguni (फाग्रन Phāgun = February-March), and there is a second sowing in खखाद Akhārh (June-July), called खगादी asārhi or खजादी akhārhi. There are also sowings in कातिक Kātik (October-November) and वैगास Baisākh (April-May).

- 1040. The system of obtaining the plant from cultivators on advances is called दादन्नी dādni or दादन dādan in the north-west, in South-West Tirhut, and in South Bhagalpur. When indigo is grown by cultivators who have entered into an agreement to do so, it is called रैयती raiyati or असामियार asamivar or असामियार asamiyar. Under the system called in the north-west खुम खरीद khush kharid, the planter advances money to a cultivator to sow indigo. He also advances indigo-seed at a given rate, the price of which is recovered in the settlement of accounts. This is also called ansate khuski in Champaran and नविष्याचानी nawishtakhani in North-West Tirhut. डीका के सीस thika ke lil is when the planter takes a village in farm and cultivates the zira'ats (चिरात jirāt) and such other land as he can secure. The special cultivation carried out by the planters themselves is जिरान jirāt, or (in South Bhagalpur) बाही bāri. The divisions of their estates are called for jila, each under charge of a किसादार jilādār, and a subdivision is (north of the Ganges) होत tok, under charge of a टोकन्दार tokdar.
- 1041. चलावा alāwa or चलावे alāwe is indigo grown by the cultivator on his land after opium or other crop.

#### CHAPTER XVIII.—OTHER DYES.

- 1042. The following may be noted: -
  - (1) আৰ āl (morinda citrifolia).—This is used for dyeing red cotton cloth আৰু sālu and the coarse red cloth আৰম্ম khāruān. The root is divided into classes, called বাৰা bāna. The best and thinnest roots are known as দুঘা phūha. The thickest roots are কম্বা kachri in Shahabad and South Munger, and নাড়ৰ toran or মুখা gulli in Patna and Gaya. মান্ত mel in Shahabad is a mixture of the two kinds.
- 1043. (2) Safflower (carthamus tinctorius).—This is कुत्तम kusum generally north of the Ganges, and कोत्तम kosum south

of it. A local name is we phūl in Tirhut. The seed is west and in Patna and Gaya west barre. The following are some of the colours prepared from safflower:—

चरनानी asmāni, light blue.

कामी kāgī, navy blue.

काला kāla, black.

काडि चनुका kāhi sabuja, dark green.

बेसरिया kesariya, saffron-yellow.

गुलाब gulāb or गुलाबी gulābi, pink.

चँपई champai, orange.

नांरकी nāranji, orango yellow.

पैदानी paithāni. Made by dipping into an indigovat also.

फांखन्याची phālsāhi, plum-coloured.

बदामी badāmi or बदामी bedāmi, almond-coloured.

वैगन्नी baingni, purple.

माची māsi, a very dark green.

खाल /ā/, red.

सीसा lila, dark-blue.

सबुद्धा sabuja, green.

सुरुक्तई surmai, antimony-black.

सुरुष surukh, red.

सोनक्का sonáhula, golden yellow.

Of course all the above are not made from safflower alone, but it forms the basis of all. In most of the darker colours it is used in conjunction with indigo. The following riddle shows the comprehensive range of colours embraced by safflower. At a marriage procession garments of every bright colour are worn, and the riddle is—

### बाप रहज पेटे, पूत गेज बरियात.

Bāp ruhal pete, pūt gel bariyāt.

—While the father was still in the womb (i.e., pod), the son went to a wedding party. The father is the seed of the safflower in pod; the son is the safflower dye.

In the north-west অৰ্থা নৈত jarua tel is an oil extracted by means of heat from the safflower-seeds. It is called অৰ্থা নৈত jarathua tel, and in Shahabad ভৰুষা নৈত darhua tel. It is used for applying to sores, and also for burning.

. 1044. (3) प्रमण bakam (cæsalpina sappan).—This is a red dye, used principally where चान al is not obtainable.

#### CHAPTER XIX.-OILSEEDS.

- 1045. Oilseeds in general are चिकाना chikna, तें खन्दन सीपी telhan tisi, er simply में खन्दन telhan. Amongst the varieties may be noted—
  - (1) Mustard (brassica campestris or sinapis dichotoma).—This is चरियों sarison or चरियो sariso north of the Ganges and in the south-west; elsewhere it is चर्चों sarson. In South Bhagalpur it is गोटो goto, and in North-East Tirhut also गोट got. Oil from this seed is called करणा तेल karua tel or करू तेल karu tel.
  - (2) Mustard (brassica juncca or sinapis ramosa).— This is जारी lāhi or राइ rāi to the west. In South Munger it is रवी ranchi, and in East Tirhut रेंची rainchi. Elsewhere it is सोरी tori, and so also in Champāran.
  - (3) Sesamum (sesamum orientale or Indicum).—This is নীৰ til.
    In South-West Shahabad নিম্মী tilli is a variety with a white grain, which is sown with the autumn crop.
  - (4) Linseed (linum usitatissimum).—This is तीसी tīsi. To the east it is also called चित्रना chikna.
  - (5) Safflower (carthamus tinctoria).—See last chapter.
  - (6) Castor-oil plant (ricinus communis).—This is is renr or size lenr, also size anrar in the north-west, Tirhut, and South Bhagalpur, and seed in Tirhut and South Bhagalpur. The seed is size lenri or is renri generally, also size anrri in the north-west, Tirhut, and South Bhagalpur, and seed andi in Tirhut and South Bhagalpur. A plantation of this is is is and renrwari or size and lenrwari.
  - (7) Bassia latifolia.—The tree is called মহ mahu or মহমা mahua. Its clusters of buds are হনা chhatta or কৰি konch. The flower which falls to the ground and is used for distilling spirits is মহ mahu or মহমা. The oilnuts which are borne by the tree are কাৰে koin north of the Ganges, or কাৰো koini in South-East Tirhut. In South-West Shahabad they are কাৰো koinda. In South Munger the mahua-pickers sing a song while employed, called বাৰু toha.

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- (8) Celastrus paniculatus.—This is महन्द्रगानी malkangni or दिवौरी dithauri in South-West Shahabad, मजन्दीनी malkauni in Patna and Gaya, मनन्द्रीनी mankauni in South-East Tirhut, कौनी kauni in South Munger.
- (9) Croton (croton tiglium).—This is जमास गोटा jamal gota in Patna, Gaya, and the west.
- Two other oils may be mentioned here. One is কিবাৰে কিবাৰ mimiyāi ke tel, which is supposed to be extracted from the heads of coolie emigrants to the colonies, by hanging them head downwards over a slow fire, see §1464. The other is আমাৰ ক বৈৰ akol ke tel, made from the nut of the আমাৰ akol (alcuritis triloba) tree, which if rubbed on a person's body makes him invisible. This is like saying that if you eateh a guinea pig by the tail his eyes will drop out; for the nut is so hard that it is impossible to extract oil from it.

### CHAPTER XX.-FIBRES.

- 1046. Hemp, as a drug (cannabis sativa).—See Chapter XVI.
- 1047. Hemp, as a fibre plant.—There are two varieties of this:—
  - (1) सन san (crotolaria juncea) or (North-East Tirhut) कस्मिरा kasmira or सोन son.
  - (2) বহুৰা patua, কুনুৰৰ kuturum, or (in South Bhagalpur) কুনুৰৰ kudrum (hibiscus cannabensis, Roxb.) This is like san, except that its flower is like the safflower, and that it is used only for making the coarse fibre (ৰহা channa). See below.
- except in North-East Tirhut, where it is एने sanai. In Shahabad it is एने sanaitha, in South Munger पनाडी sanāthi, and in South Bhagalpur पनाची sansanāthi. When the bark has been removed, it is एको santhi, or in South Munger पनाडी sanāthi, and in South Bhagalpur पनाची sansanāthi. A bundle of fibres is प्राचा larchha, or in East Tirhut पोचा dhoa or पूजा thūa. Short stalks that remain in the fibre are called in North-East Tirhut युद्धारी gudri, खुद्धार khudar to the west and in West Tirhut, कुद्धारी kudāri in North-East Tirhut,

and सुद्द gudar in East Tirhut. In North-East Tirhut the coarsest fibres are called चन्ना channa, the next finest पद्चा patua, and the finest कप-क्षिरा kasmira. There is no special name for the seed.

#### CHAPTER XXI.—BETEL.

- 1049. Betel (piper betel) is called पान pān, and the man who grows it बर्द baraī. Amongst its varieties the best is कप्री kapūri, which has a long leaf, mild, but slightly bitter. The next best is चाँची sānchi. The common varieties are ककीर kakīr (North-East Tirhut) or ककर kaker (South-East Tirhut), which has a large leaf and mild flavour; the बेजरूरी belahri (south-west) or बेजरूरी चाँची belahri sānchi (North-East Tirhut), and the मगन्दी maghi, which have a round leaf and a sweet taste; and the बेगरूरा bangla or (South-West Tirhut) चॅगरा bangra, which is small and slightly bitter. To the west there is also a kind called करवसा karārua, which is small and sweet.
- 1050. The mound on which the plant is grown is जिला bhinda, बरेटा baraitha, or पाइ pārh north of the Ganges. South of the Ganges it is भीड bhīt. A betel-garden is बरेट barro or बर्डे barwe. The rows in the plantation are अपरा sapura in Sāran and South Tirhut, and चाँदर sāmpur in North-East Tirhut. In South-West Shahabad they are पास pās, and in the rest of that district पाँची pānti. The intervening spaces are बाँदर āntar or बंदररा antra. They are also पासे pāhe in South-East Tirhut, दौँगर daungar in Patna and Gaya, and दौँग daug in the south-east. The main props down these lines are कोरो koro in Tirhut and कोरई korā in Shahabad. In the south-east and in Sāran they are दूवररी ikri.
- 1051. The spaces between these props are in North-East Tirhut कोरनाम korwās. The supports of the plants are मर्द saraī north of the Ganges, or in South-East Tirhut चर्च kharhi, of which there are generally six between each main prop. In Shahabad they are called का inkar, and in the south-east मर्ज्या sarkanda. In Shahabad देवी dhempi are the lumps of clay in which the plants are sown. The supports of the roof are also कोरो kōro, except in Patna and Gaya, where they are का khambha, and in South Munger, where they are का khāmhi. The walls are देवी tatti, or in East Tirhut दाउ tāt, and in East Munger दाटी tāti. The roof is माजा māro or माँको mānro. In South-East Tirhut it is optionally माजा mārab. In South-West Tirhut

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it is उटःरा thatra, and in Shahabad and East Tirhut optionally दानी chhāni. In South Munger it is सङ्ख्या marwa or ठटःरी thathri.

- Shahabad) खराचा kharcha, and in South Munger कच्चा kachua. The young seedlings for planting are कलम kalam in Patna, Gaya, and Shahabad, and बेंच bel elsewhere. They are watered from an earthen vessel called चोटी toti or (in Sāran) चोट tot. In North-East Lirhut स्टार mator is a basket in which the gardener earries earth to the plant, and which he also uses for keeping the leaves. In East Tirhut मूर thūr, and in South Tirhut मूरा thūra, are the shoots which come out of the plant near the root in Jeth (May-June), and कन kan are those which come out in Bhādon (August-September).
- 1053. A packet of twenty leaves is called a कोरी kori south of the Ganges. North of the Ganges one of fifty leaves is called चौडेया chanthaiya, and one of a hundred leaves चाघा डोडी ādha dholi. A डोडी alholi has 200 leaves.
  - 1054. North of the Ganges and in Shahabad-

7 दोस्ती dholi = 1 कनस्याँ kanwān. 14 ditto = 1 स्थान्ता adhwa. 28 ditto 1 पौचा pana or पाना pāwa.

4 पौचा pana = 1 लेको leso.

- 1055. Elsewhere south of the Ganges 108 दोन्नी dholi make 1 नेपो less. A leaf of betel rolled up in a cone for chewing is बौड़ा bira, विरुवा bira, or बिरिया biriya or खिकी khilli. It is also गिन्नीरी gilauri. चिंपारा singhāra are the triangular-shaped packets. Betel is kept for consumption in a wickerwork basket, called वेन्नच्या belahra or (in East Tirhut) विरुवारा birahra. In North-East Tirhut दाकी dhāki is a large basket used by the betel-grower for the same purpose.
- 1056. The betel-nut, which is the fruit of the arcca catechu, is called स्पारी supāri or सोपारी sopāri. Other names are करेंडी kasaili north of the Ganges, and स्वन्ति mukhsugh, स्वन्ति or स्वन्ति mukhsugh, त्रां दिश्व का mukhsugh, त्रां दिश्व का mukhsugh, त्रां दिश्व का mukhsugh, त्रां दिश्व का स्वार्थ का स्वार्थ का परन्तार, तनिका सिद्धातक विकास का स्वार्थ का स्वार्थ का परन्तार, तनिका सिद्धातक विकास mukhsudhi na parkār, tanika ariyātak bar chamatkār,—he can't afford to give his guest even a bit of betel-nut, and yet he escorts him out of the house with as great pomp as if he had been actually entertaining him.

### CHAPTER XXII.-GARDEN CROPS.

1057. These may be divided into—(1) edible roots, (2) gourds, (3) miscellaneous.

#### EDIBLE ROOTS.

- (1) Potatoes (solanum tuberosum or esculentum).— चालू ālu, and in East Tirhut also चारू āru. Also north of the Ganges चल्ला alua and चलुई aluī. North of the Ganges चल्ला lalka or दिक्की dackhini is a red kind, and मलादिया maldahiya or नपाली napāli a white one. A red variety of the last name but one is called मलादिया कावाdahiya kanakpuriya. Seed potatoes brought from the hills are बीधा के चालू bīya ke alu, and each eye is चाँचि ānkhi or चाँच ānkh. The produce of these kept for next year is called पिंचला माँटी के बीधा pahila māūti ke bīya, and the produce again of this kept for seed for the third year is दोचारा माँटी के बीधा dosra mānti ke bīya.
- 1058. (2) Yams (dioscorea satira).—These are ভালাৰ latār generally north of the Ganges, and also ৰাবে ratār to the west. To the north-west yet another name is ভালাৰ atār, and to the south-west জৱাৰ kathār. In Patna and Gaya it is ব্যালু ratālu. In Tirhut it is also called দৰ phar, and to the east also ভাৰৰতা khamharua.
- 1059. (3) Sweet potato (batatas edulis).—This is एकर कर sakar-kand generally. North of the Ganges it is also called समन्ता खलुका lamka alua, and in South-East Tirhut चल्हका alhua. In East Bihār it is खलुका alua. North of the Ganges there are two varieties:—(a) A red one, called देशे desi, and also in South Tirhut सल्लका lalka; (b) a white one, called विकामने bilāëti, and also करण्या karmiya, and in South Tirhut also जनरका ujarka. A large white variety, weighing from one to twenty sers, is called in North-East Tirhut नेजुका tekuna.
- 1060. (4) A kind of yam (dioscorea fasciculata).— इथन्नी suthni.
- 1061. (5) Arum colocasia.—This is चर्च arui generally. Also चरनी arabbi in North-East Tirhut, पेकन्दर pekcha in South-East Tirhut, पेकन्दर pekchi in Shahabad, पेपन्दी pepchi in Gaya and Shahabad, and in South Bhagalpur

- चन्ती alti. Another variety (colocasia antiquorum) is कम् kachchu. A larger variety is चन्या arua or कन्दा kanda.
- 1062. (6) रामं तेसीर rām kesaur (North Tirhut), or मिसिरी कम misiri kan (East Tirhut), a large edible root sometimes weighing eight or nine sers. Considered a very cooling food.
- 1063. (7) আহীৰক ādīchak, the Jerusalem artichoke the lianthus tuberosus).

#### GOURDS.

- 1064. (1) The water-melon (cueurbit citrullus or citrullus vulgaris).—These are নাৰ্জ tarbūj or নাৰ্জনা tarbūja or in North-East Tirhut নাৰ্জন tārbhūj. In Champāran they are also called ঘৰিত্বী আ panihaua, and in South-West Shahabad ভিত্তভাৰা hinuāna.
- 1065. (2) The melon (cucumis utilatissimus or cucumis melo).—
  ভাৰতা kharbūja. Also ভাতিনী lālmi in West Tirhut and Patna and the west, and দুঁহ phūnt (which is properly the cucumis momordica) to the south-east.
- 1066. (3) Cucumis momordica.—This is जूँट phūnt when it is ripe after bursting spontaneously. The young fruit used for cooking is डाम dām and (South-West Shahabad) इमन्को dabhko.
- 1067. (4) The bitter gourd (momordica charantia).—करेंचा karaila, also करेंची karaili in Shahabad and South Bhagalpur and करेंच karail in North-East Tirhut.
- 1068. (5) The bottle-gourd (lagenaria vulgaris or cucurbita lagenaria).—This is ৰহুতা kadua generally, or ৰহু kaddu in South Bhagalpur. Another name in Gaya, South Munger, and the west generally is ভীকা lauka, with a variant ভীতা laua in Patna. In East Tirhut it is also called ব্যাহ্যৰ sajiwan.
- 1069. (6) Lagenaria acutangulus or eucumis acutangulus.—This is নাৰ taroï generally. Other varieties are খন-প্ৰনিয় satputiya, দিল্লা jhinga, দিন্তুনী jhinguni, or ক্ষিত্ত jhinguli, and নাৰ্যা nenuān, ঘিড়া ghiura, or ঘন-ক্লা gheura.
- 1070. (7) Cucumber (cucumis sativus).— खीरा khīra. A variety is बाह्म खीरा bālam khīra in Shahabad. A large variety of

cucumber is called ककरही kakri or काँकरि kānkari (cucumis utilatissimus). Natives much appreciate this vegetable, as in the proverb निकौरिया गेंचांच चार, काँकरि देखि चिया फाट nikauriya gelāh hāt, kānkari dekhi hiya phāt,—the man without money went to market, and his heart burst when he saw the cucumber. The great size of the plant is well illustrated by the proverb एक चायक काँकरि, नौ चायक बीया ek hāthak kānkari, nau hāthak bīya,—a cucumber only one cubit long has an offspring nine cubits long. (Cf. the parable of the grain of mustard-seed.)

- 1071. (8) The sweet pumphin (cucurbita pepo).—This is को इन्हा konhra; also in North Tirhut को इन्हा komhra, and in East Tirhut कहीमा kadīma. Another variety, much used for making sweetmeats, is भतुषा bhatua to the west; also भूषा bhūu or भूषा bhūva in Gaya, िष्यक्ती इन्हा siskonhra in Champāran, िष्यक्ती इन्हा sijkonhra in Tirhut, मुद्यक्ती इन्हा surujkonhra in South-East Tirhut, and कुम्ह kumhar to the east.
- 1072. (9) विचिरा chichira or चिमुरा chichura (north of the Ganges), the snake-gourd (trichosanthes anguina).—In East Tirbut it is केना kaita, and in Săran केन kait.

MISCELLANEOUS VEGETABLES (IN ALPHABETICAL ORDER).

- 1073. The writer regrets that he has not been able to identify the botanical names of more than a few of the undermentioned plants. In some cases the identification given is doubtful. He has to thank Dr. Shaw, Civil Surgeon of Darbhanga, for much assistance rendered in correcting the botanical portion of this division.
  - अजन्मोदा ajmoda or (Tirhut) वन-जेवादन banjewäin, parsley (petro-selinum sativum or ? apium involucratum).—Cf. पितर-मेसी pitarseli.

चजन्याद्म ajwāin,—see जयादम jawāin.

चदः त्व adrakh or चदः त्क adrak, ginger (zingiber officinale), also चादी ādi generally, चाद ād in South-East Tirhut.

चनफारोड usaphyol,—seo चफारोझ suphyol.

चाह ad, चादी adi,—see चदन्त adrakh.

इमिरन्ती imirti, or in Gaya रमञ्चरना ramcharna, an acid curry-vegetable, the fruit of spondia mangifera (?).

कथ kath,—see खेर khair.

कमस पतःर kamal patr,—see पियाज piyāj.

करमन्त्रका karamkalla or बन्धा कोनी bandha kobi, cabbage (brassica olereacea).

कस्राभी साम kalmi sāy, the tops of convolvalus repens, much used as a spinach.

कवार kawāchh, - see केवाँ र kewānchh.

कासनी kāsni, endive (cichorium endiria).

ATE kālnı (Patna and Gaya), a kind of lettuce (lactuca satira).

कुन-री kunri, a creeping-plant, of which the fruit is used for curries.

केवाँक kewānchh or कवाक kawāchh, a plant which produces a pod like a bean (dolichos pruriens). In Gaya it is सूप शैम bhūp sem.

कैता kaita,—see चिचिरा chichira.

कोचन्सा के साग kochla ke sāy, a kind of spinach.

कोबी kobi, the cabbage (brassica oleracca).

खुरन्दा khurpha or गोलावा golāwa (Sāran, Patna, and Gaya), purslane (portulaca sativa).

ख्यान्वरी khusbari,—see मकोय makoe.

खेखन्सा khekhsa,—see चठैल chathail.

चैर khair or कथ kath, catechu (acacia catechu).

गदीना gadina, a kind of pot-herb with a taste of garlie.

मजन्दा or मजन्दा gajra or (in South-West Shahabad) माजद gājar, the carrot (daucus carota).

गाजड gājar,—see गजन्रा gajra.

युक्त gulpha, a kind of spinach.

गेचरी genhri or (in East Tirhut) गेचारी genhāri, a pot-herb (? amaranthus framentaccus).

गसन्दर्भ gelhanta, गोलन्मर्म golbhanta, - see वैंगन baingan.

गोलावा golāwa,—see खुरन्का khurpha.

गोच मिरिच gol mirich or गुलमिरिच gulmirich,- see मिरिच mirich.

stalk is eaten by the poor (? aponogeton monostachyon).

चडेस chathail or चडेस chatail, a much-appreciated curry-vegetable, a creeping-plant. In Gaya it is called स्वयः khekhsa.

चन-सुर chansur, a kind of cress (lepidum sativum).

चितर-मेसी chitarseli,—see पितर-मेसी pitarseli.

चॅंजना chengua,—soe चेंगन baingan.

जनाइन jawāin (west, Patna, and South Bhagalpur), जनाइन ajwāin (Gaya and South Munger), जनाइन jewāin (north of the Ganges), a plant something like aniseed (ligusticum ajowain and ptychotis ajowan), जोरामानी जनाइन khorāsāni jawāin is hyosciamus niger. This plant is not the true aniseed (anisi).

जीरा jīra or (South-East Tirhut) जीर jīr, cummin (cuminum cyminum).

जेवादन jewain,--see जवादन jawain

डिंद्या tharhiya,—see मार्चा mārsa.

डिड़िया मिरन्चार diriya mirchāï, टॅंरिया मिरन्चार dheñriya mirchāï, see मिरिच mirich.

तरन्कारी tarkāri,—see नीयन tiyan.

सर-काँका tarkonka (Patna), the bud of the red lotus, used for medicine.

तीयन tiyan, नरःकारी tarkāri, or पनौरा pataura, the general term for vegetables.

चित्राँ dhaniyan, coriander (coriandrum sativum).

नेवार newar,—see यूनी muli.

पतौरा pataura,— see सीयन tiyan.

परन्दर parwar, पजन्दल palwal, परोर paror, परोरा parora, or (in South Bhagalpur) परोज parol (trichosanthes dioica), (Roxb.)

पन्ताकी palanki,—see पासक palak.

पालक pālak, पांलाकी pālki or (East Tirhut and Champaran) पलाँकी pāiānki, spinach (spinacea oleracea).

पितर-सेसी pitarseli or (Tirhut) चितर-सेसी chitarseli, parsley (petroselinum sativum or ? apium involucratum).—Cf. खजन्मोदा ajmoda.

पियान piyāj or (South Bhagalpur) पेयान peyāj, and north-west कमन पत्र kamal patr, the onion (allium cepa).

प्रदेशा pudena,—see पोदीना podina.

पोदीना podina, पोदेना podena, or प्रदेना pudena, also (Tirhut) इहेना phudena, mint (mentha sativa or viridis).

फरेना phudena,—see पोदीना podina.

क्र कोबी phulkobi, the cauliflower (brassica olereacea).

वकन्ता bakla, वक्कली bakuli, वॅगन्ला banyla,—see वोकन्ला bokla.

बन-जेवादन banjewāin,—see चजन्मोदा ajmoda.

बन-सट्का banbhutka,—see मकीय makoë.

विरन्याद birwāi (Gaya), vegetable seedlings.

विचाप्रती पहचा bilāeti patua, roselle (hibiscus sabdariffa).

विचाप्रती वैगन bilāëti baingan, the tomato (solanum lycopersicum).

वैगन baingan, नाहा bhanta (usually confined to the round variety) or गोलन्मनाहा golbhanta, and in South Munger also गेल-एखा gelhanta and चॅगन्या वैगन chengua baingan. In East Tirhut it is optionally भाँटा bhānta; the egg-plant (solanum melongena). Compare the proverb काचू के भाएा वैशे काचू के भाएा पन्य kāhu ke bhanta bairi, kāhu ke bhanta panth,—to some the egg-plant is an enemy, to others it is prescribed as a regimen; i.e., what is one man's meat is another's poison.

बोकन्सा bokla or बँगन्सा bangla (north-west), बकन्सा bakla (Champāran), बक्कसी bakuli (South-West Tirhut), बोकन्सा बीन bokla bīn (South-East Tirhut) (?), a kind of bean (? faba major).

भटन्त्रूचाँ bhatkūān, भटन्त्राँचा bhatkoña,—see नतीय makoe. भग्डा bhanta,—see बैँगन baingan.

भिष्की bhindi or राम तरोद rām taroi, also to the east राम परोर rām paror, a long kind of fruit used for cooking (hibiscus esculentus or abelmoschus esculentus).

मुटन्का bhutka,—see मकोय makoc.

मूप सेम bhūp sem,—see केवाँक kewanchh.

मकोय makee (west and Tirhut), खुषःवरी khusbari (gooseberry), or (purple variety) भटन्को चा bhatkoña or भटकुषाँ bhat kūān, the cape gooseberry, or tipares (physalis Peruriana). The red variety is also सुरन्का bhutka or वनस्टन्का ban bhutka in South-East Tirhut.

मरिचा maricha,—see मिरिच mirich.

मांरन्मा mārsa or ठिङ्घा tharhiya (west), amaranthus mangostanus. मिरन्मा mircha, मिरन्याद mirchāi,—800 मिरिन mirich.

मिरिच mirich or (West Tirhut, Shahabad, and Gaya) मिरिचा maricha and मिरिचाइ mirchāi, (Patna) मिरिचा mirchā, (South Munger) डिड्या मिरिचाइ diriya mirchāi, (Gaya) हैरिया मिरिचाइ dheñriya mirchāi, long pepper, &c. (capsicum fastigiatum, &c.) गोच मिरिच gol mirich or गुजनिरिच gul mirich is black pepper (piner nigrum). Bird's eye pepper (capsicum baccatum) is लें गिया मिरिचा longiya maricha or जेया मिरिचा jaiya mircha.

सुनन्गा munga,—sec सेयन saiyan.

मुर्दे murai, मुराद murai, मुझी mulli, मूर mūr, मूरो mūro,—see मूली

मुची mūli, मुची mulli, or मुर्द muraï or (East Tirhut optionally) मुरा mūr, (South Munger) मुराद muraï, (South Bhagalpur) मुरो mūro, the radish (raphanus sativus). In Shahabad there are two kinds—(1) नेवार newār, which is large, and (2) जुनिया lutiya or देखिना desila, which is small.

मेथी methi or मेंथी menthi, fonugreek (trigonella funum Gracum). रमन्दरना ramcharna,—see द्विरन्ती imirti.

रखन rasūn, रसुन rassun,—seo छन्द्रन lahsun.

रहरिया सेम rahariya sem or राम रहर rām rahar, a kind of bean, not a climbing-plant, but a shrub.

राम नरोद ram taroï, राम परोर ram paror,—see भिष्ठी bhindi.

अहन्द्रन lahsun, or to the east रद्धन rasun or रसान rassun, garlic (allium satirum). A clove of garlic is पोटी poti or पोट pot.

लुतिया luliya,—see मूली māli.

वाँ गिया मिरिच longiya mirich,—see मिरिच mirich.

सफन्मोस saphyol, or in South-West Shahabad समक्रमोस asaphyol (phantayo isabyhola).

चकनाम salgam and also (south of the Ganges) चलन्जम saljam, the turnip (brassica rapa).

चर-जन sahjan, &c.,—see सैयन saiyan.

चिंचाड़ा singhāra, the water-caltrop (trapa hispinosa or natans).

- धीम sim,—see सेम sem.
- पेम sem (west), चीम sīm (east), a bean (phascolus magnus). A variety is सेमा sema.
- चैयन saiyan, or (Tirhut) चोहिजन sohijan or चोहन्जन sohjan or चहन्जन sahjan, or (Shahabad) चृहिजन sañhijan or (Patna) चहन्जना sahjana, the horse-radish tree (hyperanthera moringa). Its fruit is called मुनन्गा munya, and is used as a vegetable, and its root (which tastes like horse-radish) is used as a condiment.
- वीष saumph, ? a kind of aniseed (peucedanum graveolens or anethum sowa).
- षरन्दी hardi, or in Shahabad optionally षज्ञन्दी haldi, turmeric (curcuma longa).
- चलन्दी haldi,—see चरन्दी hardi.

#### SUBDIVISION 11.

### INSECTS AND CAUSES OF INJURY TO CROPS.

#### CHAPTER I.-DESTRUCTIVE INSECTS AND DISEASES.

- 1074. Among these may be noted the following, which are arranged in alphabetical order:—
  - चैंगन्स angra (north-west), भरका jharka (Sāran and Tirhut), blight in cereals caused by the sharp west wind; also (Champāran) a blight in opium. See मुख्का murka.
  - चरैया araiya,—see पाचारी poāri.
  - uktha (south), a sort of mildew which dries up the grain in wheat.
  - जनन्दा ukrha, अखन्दा ukhra, जनन्मा uksa,—see जजन्दा ukhtha.
  - प्रकार ukhtha or अकन्त्र ukrha (north generally), उद्धारा ukhra (Tirhut), उक्ता uksa (north-west), withering of crops from excessive drought.
  - जोरक aurang (Champāran),—see गपन्तू gaptu; also (north-west) or (in Tirhut) वभन्ती babhni, a white spot appearing in किया

leaf of millets, causing them to wither up.

कचोड़ा kachoha (South Bhagalpur), a disease in tobacco.

कजन्त kajra,—see कजन्ते kajri.

कजन्दी kajri (generally), कजन्दा kajra (West Tirhut, Patna, and Gaya), कजन्दा kajla (North-West Tirhut), मजन्दी majri (East Tirhut), a green grub which eats the young plants of rice, wheat, and barley when they are about six inches high.

कजन्सा kajla,—see कजन्दी kajri.

कहर katui, an aquatic beetle which infests rice.

कटेंचा kataiya (South-West Shahabad), कटोई katoï, कटोइया katoïya (elsewhere south of the Ganges), a blight which attacks rice and turns the ears an orange colour and destroys them.

कटोड्या katoiya, कटोई katoï,—see कटेया kataiya.

कतन्ती katri (South-West Shahabad), a disease of the rice-plant.

कनाउा kanātha, कन्ही kanhi,—see कीरी chhīri.

कपन्टा kapta (Champāran), an insect which attacks young rice.

मसुचा kamua,—see नमा kamma.

कमा kamma or कमुचा kamua (Patna), a smooth kind of caterpillar.

किरौना kirauna,—see गाँधी gandhi.

कीरी kiri or (South Bhagalpur) कीरो kiro, a maggot.

कुनुदी kukurhi (Sāran and Tirhut), an insect which attacks cotton.

कुक्त kukuhi (north-west), an insect which injures the coldweather crops.

क्रुप-वट-ना kuswaina (north-west), क्रुपियामा kusiyāna (Tirhut), a blight in transplanted rice.

कुषियाःना kusiyana,—see कुषःवटःना kuswatna.

कें उचाँ keñuān,—see करन्का larka.

कोरशा koiya, a tiny black insect which does great damage in granaries.

कोइजी koili, कोड़िया korhiya, केजिया kailiya, blights of various kinds in rice.

कोडिया korhiya, के चिया kailiya,—see कोइसी koili.

खंबन्दी khankhri, a blight in cereals on account of which no

- अपन्होद्या khaproiya (Champāran), तङ्ग्रा garra (Gaya, Sāran, and Tirhut), a small white insect which attacks rice.
- खरका kharuka,—see जासा jāla.
- बैरा khaira (west), बेरी khairi (North-East Tirhut), a blight which attacks rice and turns the ears an orange colour and destroys them.
- गङ्ग्रा garra,—see खपन्रोद्या khaproiya.
- बहार garār (north), a grub which attacks the roots of sugar-cane.
- गदन्दी gadhi (north) or (Sāran and East Tirhut) गदन्दिया gadahiya, an insect very destructive to growing pulses.
- गमाकी gandhki (Patna and Sāran), a small green fly, which attacks rice.
- गन्धी gandhi,—see गाँधी gāndhi.
- गपन्तू gaptu or गपन्तुचा gaptua (Patna and north), गभन्तू gabhtu, ठाँ दियारी thouthiyāri (Shahabad), गपन्छ gapsu (Saran), and चौरङ्ग aurang (Champāran), a disease affecting millets, sugar-cane, and Indian corn, in which the tops wither.
- गभन्तू gabhtu,—see गपन्तू gaptu.
- गाइर gādur (South-West Shahabad), an insect which attacks pease and grain.
- other names are माँकी mānchhi (north generally), किरोना kirauna (South-West Shahabad), and भेमन्रा bhenra (South Munger), the flying-bug,—an evil-smelling insect, which attacks principally the millets before the flowers are formed.
- item gerua (west), the grub which attacks the roots of sugarcane.
- in which the plant dries up and assumes a reddish colour while the ear is black. It is caused by excess of winter rains and east wind.
- नोच-रोटा gobraura (West Tirhut and west), blight in betel.

- নামী gobhi, a disease produced by prevalence of severe winds, and consisting in the plant giving out little shoots, which weaken it.
- बोहिं। gaunchhi (West Tirhut, Patna, and Gaya), an aquatic beetle which destroys rice by floating from one plant to another in a boat made of a leaf.
- चँचन्दी ghanghri (Shahabad),—see घौँचन्ड्री ghonghri.
- चून ghūn, a weevil destructive to wood and grain.
- धाँ घन्ड़ी ghonghri or (Shahabad) घँघन्दी ghanghri, a worm in the ear of millets and gram.
- चनःरा chatra,—see मुखार muār.
- चपटन्वा chapatwa (South-West Shahabad), a small green fly which attacks rice.
- हपन्दा chhapta (north-west), पचन्त्रहा pachkatta or (Tirhut) पनन्त्रहा patkatta, a green caterpillar which eats up the rice-plant.
- शेरा chhira,—see शेरी chhiri.
- होरी chhīri (south and west), हेंड़ी chhenri north-west and Tirhut), also होरा chhīra in Champāran. Other names are कही kanhi (South Munger) and कनाउ। kanātha (South Bhagalpur), the palmer (?) worm, which attacks pulses, cotton, and tobacco.
- चेंड़ी chhenri,—see चीरी chhiri.
- जाजा jāla (Tirhut, Patna, and east), पक्छन pakkhan (West Tirhut and Gaya), खरका kharuka (South-West Shahabad), सुरका murka (west and West Tirhut), a blight in opium.
- भारन्का jharka, see अँगन्स angra.
- দিলী jhilli (north-west), দুল্লালা phulbhanga (Tirhut), an insect which eats the stalks of pulses and makes the leaves crumple up.
- राइ। tāra or टाँड़ा tānra (west), a small green insect which ravages wheat and eats the roots of sugar-cane.
- ফাৰু tāra (north-west), হাঁৰী tānri (North-West Tirhut), a grub which cats the young plants of wheat and barley when they are about six inches high.
- होड़ी tīri or (South-West Shahabad) दिख्दी tirri, and फरिक्का pharinga (Tirhut and east), the locust.

इनन्की tunki (north), a disease which attacks rice.

डोँ दियारी thonthiyari,—see गपन्त् gaptu.

निनिकी titili, a butterfly.

- संसन्दर telchat (Patna and east), परोद patoi (West Tirhut, Gaya, and South Munger), a disease of the castor-oil plant.
- dakhināha (Gaya and south-west); also नीमा nīma (North Tirhut), चिरोरा sirora (Patna), and पोरो pīro (South Bhagalpur), a disease of rice, millets, and sugar-cane caused by a noxious wind from the south. A white spot appears on the leaf of millets, and they wither. In sugar-cane the tops wither.
- द्शिया dahiya (north), a disease in भीना chīna (Panicum frumentosum).
- दिचँका dianka, दिउँका dinnka, दियाँहा diyānra, दियार diyār, दिवार diwār,—see दीयाँ diyān.
- होयाँ diyān or दियाँड़ा diyānra (Patna, Gaya, and southeast), दिखंका diunka (South-West Shahabad), दिखंका dianka or दिखका diaka (west generally), दियार diyār (Champāran and Tirhut), and दियार diwār (East Tirhut), the white ant.

मौमा nima,—seo दिखनन्दा dakhinha.

नेड़ा nerha,—see खेंड्रा lenhra.

पक्खन pakkhan,—see जाना jāla.

पन्छी pakkhi or पन्तिया pakhiya, a small insect which attacks the singhāra plant or water-caltrop (trapa natans or bispinosa).

पच-कहा pachkatta, पत-कहा palkatta,---see कपन्टा chhapta.

पटाइी patārhi,—see पॅटाइी petārhi.

पटोइ patoï,—see तेल चट telchat.

- পিতাৰ pitoi (Patna and South Munger), a small green insect, which ravages wheat and eats the roots of sugar-cane. = তাঁৱৰ tānra, q.v.
- fug pillu or ugur pilua, a small white maggot, which attacks cotton, safflower, and grain, whether growing or stored.

पिचिता pihika,—see सुखन्डा sukhra.

पौरो piro,—see दखनन्हा dakhinha.

पंडाही petārhi or पटाही patārhi (Tirhut), an insect which attacks stored rice only.

पेटारनी petārhi (Shahabad), a red-coloured insect which attacks cotton, gram, and the castor-oil plant.

ं पैया paiya, a worm in the ear of grain,

भोषारी poari (east) or घरेया araiya (South Munger), a disease of the rice-plant.

पाँची paunchhi (Patna and South Munger), a branch springing from the root of sugar-cane and injuring it.

फटन्सा phatha (South Bhagalpur), फद्रा phatta (South Munger), a disease of the rice-plant.

पहा phatta,—seo पर का phatha.

पानिङ्गी phatingi, a kind of grasshopper which eats the leaves of sugar-cane.

फनन्गी phangi (west), a kind of grasshopper which appears in years of drought and attacks roots of wheat and gram.

पानिमा phaniga,—see सुरन्का surka.

परिङ्गा pharinga,— see टीड़ी tiri.

फाटी phāti, a blight in the ear of rice.

फाँड़ा phānra (Tirhut) or फाँड़ी phānri (Tirhut), a weevil destructive of wood and grain.

मुल्लाभाष्ट्रा phulbhanga, -- see मिसी jhilli.

बकुला bakula,—see बद्धी bakki.

बक्क bakuli (south-west), a green caterpillar destructive to rice. Cf. कजन्दी kajri.

बनेया bakeya,—see बद्धी bakki.

वकी bakki, also बक्केया bakeya or बकुला bakula (also in West Tirhut) in Shahabad, and बुढ़िया burhiya or बढ़न्दी barhi in South Bhagalpur, a small kind of caterpillar which attacks rice. A larger kind is बाँका bānka.

बदः ही barhi,—see बह्दी bakki.

वभन्नी babhni (Tirhut), a blight affecting rice, sugar-cane, millets, and opium. See also चौरक्र aurang and सुरुका murka.

बलुचा balua, बलुदे balui,—see बाजू bālu.

बाँका bānka,—see बच्ची bakki.

trees (especially the pepper-tree), and causes them to curl up and wither.

बाला bāla,—see बाजू bālu.

बाजू bālu or बलुवा balua (Patna, Gaya, and south-east), बलुई: baluï (Shahabad), बाजा bālu (South-West Shahabad), an insect which eats the stalks of pulses and makes the leaves crumple up.

बीमल bijhal (Gaya and South Munger), weevil-eaten.

मृहिया burhiya,—see बन्नी bakki.

भङ्घ bhankh,—see भाँख bhankh.

भरन्ता bharka (West Tirbut and south-east), an insect injurious to rice, caused by prevalence of south winds and excess of rain.

भेंबन्दा bhañwra,—see भेंडा bhenra.

भरकी bharki (South Bhagalpur), a disease of the rice-plant.

भाँख bhānkh (north) and also भाँखी bhānkhi (north), भाइ bhankh (east), a blight which attacks the millet चाँचाँ sāñæān (panicum frumentaccum).

भुरका bhuila, भुरकी bhuili, भुरन्ती bhurri, भुरन्की bhurli, मृतिका bhurila, भुरिकी bhurili,—see भूषा bhua.

भूषा bhūa (Tirhut, Patna, Gaya, and east), मुरला bhūila or मुरली bhuili (West Tirhut and north-west), also मुरली bhurli (Sāran), मुरिला bhurlia, मुरिली bhurli, or मुरली bhurri (south-west), a hairy worm which eats the leaves of the easter-oil plant and pulses, and is fatal to cattle when eaten.

भेड़ा bhenra or भेड़न्या bhenra (Patna and east), भेवन्दा bhañara (West Tirhut and Shahabad), an insect which attacks millets and stored grain in dry weather.

भेमर bhemra,—see गाँधी gandhi.

सगरा mangra (South-West Shahabad), an insect which attacks the sugar-cane in the root.

मजन्दी majri,—see कजन्दी kajri.

मरन्दिश marhinna, मरी mari,—see मुखार muar.

माँची mānchhi,—see गाँघी gāndhi.

मारा māra (North-East Tirhut), a disease in rice which withers the plants.

सुचार muār (west), चतन्रा chatra (Patna and Gaya), मराचित्रा marhinna (Tirhut and East), मरी mari (West Tirhut and South Bhagalpur), a disease in which the whole plant is burnt up.

मुरन्का murka (north), also व्यानरा angra (Champaran), and वभन्नी babhni (Tirhut), a blight in opium. See जाला jāla.

मुरिया muriya,—see सुख-ड्रा sukhra.

ज्ञानिया luchhminiya (East Tirhut), a small, thin, red-coloured beetle found in granaries. It does no harm, and is reverenced by grain-merchants.

ভাকো larka or (Gaya) ভাকো larka, a worm which attacks gram and pease. North of the Ganges it also burrows into the ribs of the leaf of the tobacco-plant, and is then called কৈওবা keñuān in Tirhut.

लाची lāhi, plant-lice.

चेंद्रा lenrha (west and West Tirhut), नेद्रा nerha (Tirhut), a disease in wheat or barley in which the ears turn black.

चड-का sarka, a worm in the root of rice.

चिरका siruka,—see सुरन्का surka.

चिरोरा sirora,—see दिखनन्दा dakhinha.

सुखन्डा sukhtha,—see सुखन्डा sukhra.

सुबन्दा sukhra (West Tirhut and south generally), सुबन्दा sukhtha (West Tirhut and west), पिरिका pihika (rest of Shahabad), मुरिया muriya (South Bhagalpur), a blight in sugar-cane.

सुँदारी sundri (east), an insect which eats the leaves of the castor-oil plant.

चुडा sunda,—see चुँड़ा sūnra.

सरन्ता surka (East Tirhut and Shahabad), विश्वता siruka (Sāran and Patna), फनिया phaniga (Tirhut and South-West Shahabad), an insect which eats the leaves of sugar-cane and destroys gram, pease, and cereals.

पूड़ा sūnra or पूड़ी sūnri (Tirhut and south generally), संद sūnrh or पूड़ा sūnrha (Gaya), सुखा sunda (West Tirhut and south-east), a kind of weevil destructive to wood and stored grain. Cf. कोरी kīri.

चूँद sūnrh,—see छँड़ा sūnra.

- tobacco-plant, and throwing it far out of the soil.
- ধ্যা hathiya (North-East Tirhut and Gaya) and ধ্যা ধ্রা hathiya sunda (south-east), a small white insect which damages rice.
- up the grain in cereal crops. The plant turns yellow, and the ear black.

#### CHAPTER II.—NOXIOUS WEEDS.

1075. These are as follows:—

चॅकन्टा ankta, - soe चॅकन्रा ankra.

चैंकन्रा ankra or चैंकन्री ankri (West Tirbut and Shahabad), चैंकन्रा ankta (Tirbut and elsewhere south) (vicia sativa), it appears in wheat.

चित्र agiya (north and east), a weed which burns the riceplant (from चान āy, fire).

उखन्डा ukhra,—see इड्डा hadda.

उरकुस्मी urkussi, - see विकौतिया bichhautiya.

ककना kukna (Patna, Gaya, and south-east), बनन्सरी bansāri (Shahabad and East Tirhut), a weed which chokes crops.

कटन्रॅगन्मी kathrengni,—see रॅंगन्मी rengni.

कनन्याँ kanwan, कन्ना kanna,—see काना kana.

कन-सन kansan,—see काँसी kānsi.

- काना kāna (Tirhut, Patna and east), कद्या kanna (north-east Tirhut), कनन्वाँ kanucān (Gaya), केना kena (West Tirhut and west), a weed which chokes rice (a species of Coix).
- काँची kānsi (West Tirhut, Patna, Gaya, and the south-east), काय kās (Shahabad and North Bihār), कनन्यन kansan (Sāran), (saccharum spontaneum), a most destructive grass.

नेना kena, - see काना kāna.

कोइस को koil kho, - see गोरन्ड्स gorkhul.

खब्का kharuka,—see खरम्था kharthūa.

चर्चा kharthūa (Patna and Gaya), बहुचा bathua (generally) खडुका kharuka (North-East Tirhut and Shahabad), मोचही mochatti (ditto), a weed in opium.

खर का khurka or महेनी machhaiti (north), also चचारी ruāri (Sāran), a weed in opium. Cf. चचारा ruāra.

गरु-घर garhar,—see गाँदर ganrar.

गढ़री garhro,—see गॅड्न्डच्या gerharua.

गहार garār,—sec गाँड्र gānrar.

गाँड्र gānrar (West Tirhut and Patna), गड़ार garār (Tirhut and east), जमार गड़ार jamār garār (South Munger), गड़ार garhar (South-West Shahabad), a weed which injures rice (various species of Coix).

गॅड़-इवचा gerharua (north-west), गढ़ारी garhro (North Tirhut), a weed in cereal crops.

गोएका gokhula,—see गोरन्डच yorkhul.

गोरन्ड्स gorkhul (west), बाँची bānsi (generally), गोर्डा gokhula (West Tirhut, Patna, Gaya, and South Munger), कोर्ड को koïl kho, a plant which injures rice (tribulus terrestris).

चपन्डा chapra,—see धुरन्पा dhurpa.

चिच-कोर chichhor, चिचोर chichor, चिचोरी chichori,—see कॅंड्र lenrai.

चौपदा chaupatta,—see पिपन्रा pipra.

जॅगन्सा jangla,—sec भिष्या jhirua.

समार गढ़ार jamār garār,— see गाँड्र gānrar.

সন্ধাৰ jamhār, সাৰং jāmhar (Patna and South Munger), জিলুট jinhār (South-West Shahabad), and ভৰ্থ damharo (South Bhagalpur), a coarse hard grass, infesting poor soil: (varieties of andropogon.)

जासर jāmhar,—see जमार jamhār.

जिन-वाँ jinwān, a grass something like दूम dūbh, q.v.

जिन्हार jinhār,—see जन्हार jamhār.

भर jhar, भरगा jharnga, भार jhar,—see भारङ्ग jharang.

भारङ्ग jhārang (north-west), भर्गा jharnga (Shahabad), भार jhār or भर jhar (Tirhut and east), a weed which injures rice

fদৰৰা jhirua (Patna, Gaya, South Munger, and North Bihär).
দিবীৰা jhirua (South Munger), দিবৰা jhirua (South Bhagalpur), ভাৰতৰা jangla (South-West Shahabad), স্থাবি jhiro (East Tirhut), a weed which chokes rice.

भौरो jhiro,—see भिष्णा jhirua.

डोकरा thokra,—see विकीतिया bichhauliya.

उन्हरो damharo,—see जन्हार jamhār.

डर dar, डेयोरा deyora,—see मोँया monthu.

डाभी dābhi (north) a coarse grass, injurious to crops (xyris indica).

तितिकी titili,—see पिपन्रा pipra.

दुधिया dudhiya,— seo च्या hadda.

दूस dubh or दूब dub (north and east), also दुसी dubbhi (south), a grass which overspreads fallow fields (cynodon ductylon).

भुरन्या dhurpa (Patna, Gaya, and South Munger), भुरप dhurup (South Bhagalpur), भुर्द्धा chapra (Shahabad), a tough, coarse grass spreading over uncultivated lands, which are inundated yearly (cynodor dactylon). It is only removed by digging.

नकारिकानी nakchhikni,—see रॅंगन्नी rengni.

पिपन्त pipra (Sāran, Patna, and east), प्रपन्त pupra (South Bhagalpur), चीपहा champatta (South-West Shahabad), तित्वची titili (generally), a weed in wheat.

मुपन्सा pupra,—see पिपन्सा pipra.

बहु-गोडमा bargohuma (south and east), a weed in wheat.

बश्चा bathua,—see खरन्यचा kharthūa.

वन-पियसुषा banpiyajua, बन-पियाज banpiyāj, and बन-रसन्ना banrasua,—see चचारा ruāra.

बनन्सारी bansari,—see ककन्मा kakna.

बसाँदी basanrhi,—see बसीँता basaunta.

वर्गेना basaunta (West Tirhut and north-west), वसाँदी basaurha (Tirhut), a weed which injures the spring crops (acalypha indica?)

- बाँची bānsi,—see गोरन्ड्स gorkhul.
- पिकोतिया bichhautiya or विक्वतिया bichhuatiya is a parasitic plant which injures the poppy. It is also called भराभाँ इ bharbhānr in South-West Shahabad, टोकरा thokra in the rest of that district and north of the Ganges, and जराकसी urkussi in South-East Bihār.
- भंगन्द (West Tirbut, Patna, Gaya, and South Munger), भँगन्देया bhangraiya (Tirbut and east), भँगदिया bhangariya (North Bihar and Shahabad), भँगदिया bhangariya (Tirbut) (verbesina prostrata), a small creeping-weed with a white flower which injures rice.

भँगरिया bhangariya,—see भँगन्दा bhangra.

भर-भाँड bharbhanr,—see विकौतिया bichhautiya.

भँगरिया bhengariya,—see भँगन्दा bhangra.

- over uncultivated lands which are inundated yearly. It is only removed by digging (cynosurus).
- महेनी machhaiti,—see खुर का khurka.
- मंदेर mañrer (Patna, Gaya, and east), मदर marar (South Bhagalpur), मरेन maren (Shahabad), a weed which chokes rice.
- मोचही mochatti,—see खरन्यूचा kharthūa.
- माँचा montha, also डर dar and मौना mauna (also in West Tirliut) in the south-east, and डेयोरा deyora in South Munger.

  A coarse grass which grows in uncultivated land and injures the autumn crops (cyperus rotundus).
- राही rāri (north), a coarse hard grass infesting poor soils.
- प्यारा ruāra (Patna), वनःरभःना banrasna (Gaya and South Munger), वनःपियाज banpiyāj or वनःपियज्ञचा banpiyajna (Tirhut and Shahabad), a weed which grows in opium. Cf. खरकां khurka.
- त्यारी ruāri,—see खरन्ता khurka. Cf. त्यारा ruāra.
- रंगन्नी rengni, the Mexican poppy (argemone Mexicana), a thistle like plant, which overspreads fallow fields. It is also called नका किन्द्रानी nakehhikni or (to the east) कटार्गानी kathrengni. It was introduced into India in a cargo

- from Mexico within the last hundred years, and is now very common.
- सँद्रं leñrai (north-west), चिचोर chichor (north and Gaya), विचोरी chichori (Tirhut), विचन्दोर chichhor (east), विचोरो chichoro (South Bhagalpur and Tirhut), a weed which chokes rice.
- hadda or ব্যান্থ where (West Tirhut and south), or (West Tirhut and Gaya) হুছিয়া dudhiya, a small creey ag-plant injurious to crops (euphorbia hirta). Cf. also § 1183 for other names.

#### CHAPTER III.-MISCELLANEOUS.

- 1076. A stunted crop is बैटल डाहिल baithal hāsil north of the Ganges. In Shahabad and West Tirhut it is दिन्दियाण्ड situriyāël or नतुदियाण्ड taturiyāël, or in Sāran, सुनिद्याण्ड suturiyāël. In Gaya it is टिंगुरियाण्ड thinguriyāël, in Patna भॅटन्बॉस bhentwāns, in West Tirhut and South Munger दृदियाण्ड thuriyāël, and in South Bhagalpur विरानियाण्ड birniyāël. A blighted ear is सराण्ड marāël north of the thanges. In Shahabad it is खन्दा abda or दगन्दार daydār, in Patna and Gaya कोर्ड koël, and in the south-east मरा mara. पेया paiya in Gaya and the west, and भोर bhor to the north-east, is rice in which the ears have no seed. Blighted millets are called भडियाण्ड bhakhiyāël in the north-west, and भेड चुडा bhakh chatua in Tirhut. In Shahabad they are खुड्डा khakha or खोडान्डा khojra, in Gaya खडानाड alyal, and in Patna फुडान्डर phulhar.
- 1077. Crops withered from drought are to the west and in West Tirbut सुचार muār; in Gaya they are मोचार moār, and in Patna सुचन mual. To the east and in Tirbut they are मरानेना marhena or मरानिज्ञा marhinna, and in South Bhagalpur also मरा mara. An irretrievably spoilt crop is विगार चामिन bigral hāsil north of the Ganges. In Shahabad it is बॉकाटा bānkta, and in Patna चुचुन्थि chuchuhiya. Searcity of rain is दिचार sukhār.
- 1078. Failure of seed is विजन्मार bijmār in Gaya and the west. In South Munger it is बीया मार biya mār. North of the Ganges it is also निर्विज्ञ nirbiji, निर्विज nirbij, or खिळ्ळा abijj. Other names are वंभीरा banjhaura (South-West Shahabad), वाँभी bānjhi (rest of Shahabad), वाँभीरी banjhauri in Patna, and देशाप्य daihāëb in South Bhagalpur. In North-East Tirhut there is also कौर जाएव kaur jāëb, and in East Tirhut भवड़ जाएव bhakhar jāëb.

- 1079. Crops trodden down by cattle are খঁমাত (also spelt ঘছাত) dhangāth north of the Ganges, local variants being ই্যাত dangāth in South-East Tirhut, খঁমাতৰ dhangāel in Sáran, and খঁমাৰ dhanger in West Tirhut and Champāran. In South-West Shahabad they are ভাষামাত lahnāēl, in Gaya and South Munger ব্ৰেছেন khurkhūn, and in South Bhagalpur খাঁখা khīnchi. In East Tirhut they are also called নিইয় nighes.
- A hot dry wind which burns up crops is to the west called भोजा jhola, and such crops are known as भोजार jholaïl or भौजार jhohaïl. To the east it is हाइ। dhārha or हाइ। dhārhi. A frosty wind which frost-bites the crops is पासा pāla or (to the east) पता palla. The same words are used for frost-bite itself, and a frost-bitten crop is unife bārhi (North-East Tirhut), भाभ dhādh (Gaya), भामन āphat (Patna), and नोहा boha or खार khār in the south-east. Morning fogs are कूस kūha, of which optional local variants are कुहेम kuhes or कुहेम kuhes is also current in North-East Tirhut, and in South-East Tirhut we find कुन्स kūmhes. A fog in the day-time is धून dhūm or भूभ dhūmdh. Hail-stones are परास्त patthal, परास्त patthar, परास्त pāthar, or बनीरी bangauriya in West Tirhut, Patna, and the east.

#### DIVISION VI.

#### AGRICULTURAL TIMES AND SEASONS.

- 1081. The* Bihār agriculturist follows the Hindu year in calculating his seasons. The year is divided into twelve lunar months (मास mās, माँस māis, महिना mahina, महिना mahina, or महीना mahina) of 30 days each, and therefore consists of 360 days. Each month is further divided into a first or dark half [किसन पर (or पर) kisun pakh (or pachchh)] (commencing with the first day of the wane of the moon), and a second or light half (सकास पर sukl pakh). Roughly speaking, a Hindu month commences at about the 15th of an English month; but as there are thus only 360 days in a year, they begin each year somewhat earlier in the solar year than the year before, till the calendar is brought nearly right every third year by the insertion of an intercalary month (मसनास malmās) of 30 days every third year.
- 1082. Besides the above, another important division of the year must be noticed,—that into lunar asterisms (जयन nakhat, जयमार nachhattr, or जियमार nichhattr). There are 27 of these in each year, and consequently 21 in each month. Each asterism is not of equal length. The longest is चित्रा hathiya, which is 16 lunar days. The others range from about 13 lunar days in the dry months to 15 lunar days in the wet. Every agricultural operation commences in a certain asterism, and so it is necessary to know when they occur. The accompanying table shows roughly the relative positions of the English and Hindu months and of the lunar asterisms.

^{*} Part of the following will be found in Carnegy's Kachahri Technicalities.

APPROX	MATE EUROPEA MONTH.	N	Name.			
Part of Septemb	oer	•••	मासिन Asin or कुमार Kuār	•••		
October •		<b></b>		**************************************		
November .		•••	कातिक Kātik	•••		
			चग्रान्हन Aghan			
December	•••	•••	पूस Pūs	•••		
January .	•• •••		माघ <i>Māgh</i>			
February .		•••	Diam.			
March .	•••	•••		•••		
April		•••	चेत Chait	•••		
			बैसाख Baisākh			
Мну		•••	ਜੇਰ Jelh	•••		
June .		•••				
July		•••	चलाद Akhārh or चसाद Asārh	•••		
 <b>∆</b> ugust		•••	सावन Sawan or सामीन Saon			
Part of Septeml	oer		भादौँ Bhādoñ	•••		

ork half light ha	(कि <b>सुन</b> पख alf ( <b>सुक</b> न्त	kisun pak ख sukl pa	h) and $kh$ ).	Asterisms, of which there are two and a quarter to each Hindu month.		
Dark	•••	•••		है of इतररा फग्नी Utra Phaguni.		
T laka				हस Hast or इधिया Hathiya.		
Light	•••	•••		चितःरा Chitra.		
Dark	***	•••	•	खाती Swati or मित्रातो Siwati.		
Light	•••	•••	•	विसाखा Bisākha.		
Dark		***		प्रत्राधा Anurādha.		
Light	•••	•••	•••	भेषता Jeshtha.		
Dark	***	•••	•••	मूल Mül.		
<b>.</b>				प्रवा खाइ Purba Khārh.		
Light Dark	<b></b>			चतररा खाद Utra Khārh.		
	•••	***	•••	ा — — — । माञ्चन Sāwan.		
Light		***		धनिष्ठा Dhanishtha.		
Dark	·	•••	•••	uarमोखा Satbhikha		
Light		···		. प्रज भद्रपद Pūrab Bhadrapad.		
Dark		•••		उत्तर भद्राद Uttar Bhadrapad.		
Light	•••	•••		रवन्तो Reoti.		
Dark	•••		•••	यकिनी Aswini or यसन्तीं Asni.		
				भरनी Bharni.		
Light	•••			क्रिका Krittika.		
Dark	•••	•••	•••	रोइनो Rohni or रोडिनो Rohini.		
Light	•••	•••	•••	किरागिकरा Mirgsira or मिशिड		
Dark	•••	***	•••	Mirgidāh. श्रहररा Aradra or घटन्रा Adra.		
Light	•••	***	•••	पुनरप्तस Punarbas.		
(r. •				- part conference where the contract can be a second or the contract of the co		
Dark	•••	•••		पुल Pukh or चिर्या Chiraiya.		
Light				प्रसार म Asres or असानेखा Aslekhu.		
Dark	•••	•••	• •	मन्त्रा Maggha.		
Light	•••	•••	***	पुरवा फगुनी Purba Phaguni.		
				4 of जनगा क्यानी Utra Phaguni.		

- 1083. The year current in Bihār is the Fasli year, which commences with the Hindu month of Āsin. The year is also popularly divided into three seasons, viz. the hot (बर्ग्स) garmi), the wet (बर्ग्स) barkha), and the cold (आइंग jāra). The hot season commences in पायुन Phāgun, the wet in चलाइ Akhārh, and the cold in कानिक Kātīk. The following rhymes, some of which will be found also in Carnegy's Kachahri Technicalities, are current over the greater part of Northern India, and show the various seasons for agricultural operations.
- 1084. Cultivation commences in Jeth, in the asterism of Rohni, when ploughing and sowing begin. The rain of Mirgsira is not good, and hence no sowing is done in that asterism. In Aradra sowing is recommenced and transplanting is done for the winter (aghani) crop. This goes on into Punarbas and Pukh if the rains are late. In Magha and Purba Phaguni the urid, kurthi, and other pulses are sown. In Hathiya rain is very important, both for the winter crops and for the sowing of the spring (rabbi) crops. In former days (say cultivators) the rains used to stop in Swāti, which was very good for the crops, but now they end in Hathiya. So valuable is the rain of Swāti that any drop which falls during that asterism into a pearl-oyster becomes a pearl. That is how pearls are made. The rain in Chitra, on the contrary, is very bad.

# मन्या लगावे घन्या, सिवाती लावस टाटी। कचतारी दायी राजी, इस हूँ खबात बाटी॥

Maggha lagāwe ghaggha, siwāti lāwas tāti, Kahtāri Hāthi rāni, ham hūñ āwat bāti.

-Maggha brings rain-storms, Swāti brings a screen (i.e., rain stops), and Queen Hathiya tells (by her thunder) that she is coming.

# फागु कराइ चैत चुक किर्फिक नदृष्टि तार। स्राती नदृष्टि साख तिख किट गण डाक गोचार॥

Phāgu karāï, chait chuk, kirttik natthahi tār, Swāti natthahi mākh til, kahi gae Dāk Goār.

Astrologers and poets count six seasons, but the above is the popular division.

—If it rains in the month of Phagun, urid is spoilt; if in the month of Chait, lemons;* if in the asterism of Krittika, the toddy palms; and if in that of Swati, beans and sesamum, saith Dak, the Gowala.

# जी बरसे बेंसक्खा राज। एक धान में दोबर चाज॥

Jauñ barse Baisakkha rāu, Ek dhān meñ dobar chāu.

--If King Baisākh (April-May) rain, every grain of juddy will produce two of rice.

# किश्विता चूए की ले मूए। जॉ रोडिनी नार्डिकाटी करे॥

Krittika chữe chhau le mữe, Joh Rohini nāhiñ kādo kare.

-If it rains in Krittika, there will be no rain for the six following asterisms, provided Rohini makes no mud.

Krittika is the best asterism for sowing china (panicum frumentosum): hence they say in Tirhut--

## जब जिन्हिः यरचाक दीन । क्रिनिका में संबोदक चीन॥

Jab janiha kharchāk hīn, Krittika nevā tāŭ boiha chīn.

-If you find your stock of food becoming exhausted, sow china in Krittika.

# मिरगिसरा तबय रोसिनि जबय खरदरा जाय बदबुदाय। कहे डाक सुनु भिक्षरि कुत्ता भात न खाय॥

Mirgsira tabay Rohini labay aradra jōy budbudāy Kahai Dāk sunu Bhillari, kutta bhāt na khāy.

-If Mirgsira is hot, Rohini rains, and Aradra gives a few drops, saith Dak, hear, O Bhillari, (rice will be so plentiful that) even dogs will turn up their noses at it.

^{* = *} chuk is a mess of lemons kept for fermentation, and is here applied to the fruit on the tree.

1085. The rain of Aradra (middle of June) is of considerable importance to the future crops: thus—

# चदन्रा माँस जे बीए साटी। दुख के मार निकालत खाटी॥

Adra māns je boe sāthi, Dukh ke mār nikāla lathi.

-If yoù sow sixty-day rice in Aradra, you strike distress with a club and drive it away.

## चादि न वरसे चरदरा इस न वरसे निदान। कइसिँ डाक सुनु भिक्षरि भए किसान पिसान॥

Ādi na barse aradra, hast na barse nidān, Kahahiŭ Dāk suna Bhillari bhac kisān pisān.

—If Aradra does not rain at the commencement, and Hathiya at its end, saith Dak, hear, O Bhillari, the cultivator is crushed.

And-

## चढ़त बरसे चरद्रा उतरत बरसे इस । कतेक राजा दाँड़े, रहे चनन्द गिरुस्त ॥

Charhat barse aradra, utrat barse hast, Katek rāja dānre, rahe anand girhast.

—If it rain when Aradra commences and when Hathiya is ending, no matter how much rent may be demanded, the householder is still happy.

# चरदरा बरसे सभ कि कु चाँ। एक जावास पतर विन भाँ॥

Aradra barse sabh kichhu hān Ek jawās patr bin bhān.

- —If Aradra rains everything grows (lit. is): only one, the jawas (Hedgearum alhagi), loses its leaves.
- 1086. Aradra and Punarbas are the two main asterisms of the month of Akhārh (June-July). This is the great month of the year for finishing the preparation of the fields, as the proverb says, जैकर बन्ड चाउना र नेकर बार हो साम jekar banal akharwa re tekar bāraho mās,—he whose fields are ready in Akhārh, is ready also all the year round. If the rains are late, paddy sowing goes on as late as Punarbas or even Pukh, but this is rarely successful. These last two asterisms are usually devoted to transplanting, and not to sowing.

### पुष पुनरवस कीए धान। सम्बा समलेखा काटी साम।

Pukh punarbas boe dhān, Magghà aslekhu kādo sān.

—Sow paddy in Pukh and Punarbas, and in Maggha and Aslekha mix thoroughly the mud (i.e. prepare the fields).

## खरदरा धान, पुनरवस पैथा। गेल, किसान, फै बोए चिरेया॥

Aradra dhān, punarbas paiya. Gel, kisān, je boc chiraiya.

-Paddy sown in Aradra turns to plenty, in l'unarbas it has empty ears, and sown in Pukh it turns to nothing.

1087. After Akharh (June-July) comes Sāwan or Sāon (July-August), to which the following rhymes apply:—

## साचीन सुकला सप्तमी कपि के जगहिं भान। तीं बिंग मेघा बरसे जीं लिंग टेव उठान।।

Sãon sukla saplami chhape kar ûyaheñ bhân. Tanñ lagi megha barse jauñ lagi deb uthân.

-If on the morning of the seventh day of the bright half of Sawan the sun rises obscured by clouds, it will rain up to the festival of the Deb Ulian (11th of the light half of Katik, i.e. early in November).

## माच्चीन मुकला सप्तमी उग के लुक हिँ सूर। चाँकी पिया चर बरक बराग गेल वहि दूर ।।

Sãon sukla saptame, eg ke tūkahiñ sūr, Hānko piya har barad, barkha gel bari dūr.

-If on the same day as that above mentioned the sun rises (clear) and afterwards hides itself behind clouds, drive away, my dear, your plough and bullocks, for the rain is very far off.

# साधीन सुकला सप्तमी, उदै जो देखें भान । तुम जाखो पियां मांलवा सम जैवों मुलन्तान ॥

Sãon sukla saptami, udai jou dekhe bhan, Tum jão piya Mālwa, ham jaibon Multan.

-A cloudless morning on the same day (is a sure sign of drought).

My dear (let us leave the country,) I am going to Multan, and you can go to Malwa.

# चाचीन सुकला सप्तमी रैनि चौँचि मसियार। कच भद्रर सह भद्धरिपरवत खपजय सार॥

Sāon sukla saptami, raini hoñhi masiyār, Kah Bhaddar sunu Bhaddari, parbat upjay sār.

—If on the same date the night is dark, saith Bhaddar, hear, O Bhaddari, excellent crops will grow even on a mountain.

## साचीन सकता सप्तमी, को गरजे चाघी रात । तुम जाची पियां मांखवा. इस जैवा गुजरात ॥

Sāon sukla saptami, joñ garje ādhī rāt, Tum jāo piya Mālwa, ham jaibon Gujrāt.

-If on the same date it thunders at midnight (there will be a drought), you must go to Mālwa and I to Gujrat.

# करके भौजे कॅकरी, सिङ्गगरजे जाए। कच भट्टर सुत भट्टरिक्ना भारत न खाए॥

Karke bhīnjai kankri, singh garjai jāe, Kah Bhaddar sunu Bhaddari, kutta bhāt na khāe.

-"If in Cancer (Sāwan, July-August) the gravel is wet, and Leo (Bhādon, August-September) passes by with thunder," saith Bhaddar, "hear, O Bhaddari, rice will be so plentiful that even dogs will refuse it."

## साचीन पचवा भार्व पुरवा चासिन वचे ईसाम । कातिक कना सिकिची न डोबे कतय के रखबड धान ॥

Sāon pachhwa, Bhādab purwa, Āsin bahe īsān, Kātik, kanta, sikio na dole kutay ke rakhbah dhān?

-If the west wind blow in Sawan, the east in Bhadon, and the north-east in Āsin, and if there is so little wind in Katik that even the reeds do not shake, where, my dear, will you have room to keep your rice? (i.e., you will have a bumper crop).

# साचीन मास बड़े पुरवैधा वेंचर बरद कीनर गैया।

Sāon mās bahai purwaiya, benchah barad kīnah gaiya.

-If the east wind blow in Sawan, sell your bullocks and buy cows (it will be no use trying to plough).

## चाचौनक पचवा दिन दुर चारि। चुक्हीक पांका उपने सारि॥

Sāonak pachhwa din duï chāri, Chūlhīk pāchha upje sāri.

-If the west wind blow in Sawan for only two or three days, rice will grow even behind your hearth.

# साक्षीन पर्वेका मण्डि भरे। भादोँ पुरवा पथल सङ्ग्रे॥

Sãon pachhea mahi bhare, Bhādon purwa pathal sare.

—If the west wind blow in Sāwan, the land will be flooded; and if the east wind blow in Bhādoñ, (it will rain so that) the very stones will melt.

## के न भरे श्वसरेखा मग्या। फोर भरे श्वसरेखा मग्या॥

Je na bhare Asrekha Maggha, Pher bhare Asrekha Maggha.

- —That which is not filled up with water in Asres and Maggha has no chance of being filled up till they come again next year.
  - 1088. To Bhadon (August-September) the following apply:-

South Munger-

# पुरवा रोपे पूर किसान ।

Purwa rope pūr kesān, Ādha ghaghri ādha dhān.

—If a cultivator does not finish transplanting before Purwa (i.e. Purba Phaguni), half his crop will be paddy and half chaff.

# जी पुरवा पुरवेचा पावे। सुखते नदिया नाची बहावे॥

Jauñ purwa purwaiya pāwe, sukhle nadiya nāo bahāwe.

—If the east wind blows in the asterism of Purwa (i.e. Purba Phaguni), there will be so much rain that ships will float in the dried-up beds of rivers.

Closely connected with this is the following :-

# पुरवा पर औँ पक्रवा बहै। विश्वंति राँड बात करै॥ एह दोनों के रहे बिचार। क बरवे ई करे भतार॥

Purwa par jauñ pachhwa bahai, bihañsi rāñr bāt karai, Eh donoñ ke ihai bichār ū barsai ī karai bhatār.

-If the west wind blows during Purwa, and if a widow chats
and smiles, from these facts you may judge that in the first
ease it will rain, and in the second case she is going to
marry a second time.

With this may be compared-

तीतिर पख मेघा छड़े, भी विधवा सुसुकाछ। कड़े डाक सुतु डाकिनि, ज बरसे ई जाए॥

Tītir pakh megha ūre, o bidhwa musukāċ. Kahe Dāk sunu Dākini, ū barse ī jāë.

-" When the clouds fly like the wings of the partridge, and when a widow smiles," saith Dak, "hear, O Dākini, the one is going to rain and the other to marry."

स्रक करे बदरी मनीचर रहे काछ। ऐसन बोले भड़रि बिन बरसे नहिं जाछ॥

· Sūk kare badri sanīchar rahe chhāe, Aisan bole Bhaddari bin barse nahiñ jāe.

-A cloudy sky on Friday and Saturday is a sure precursor of rain.

साचीन के पुरवा, भादोँ पक्रिमा जोर । बरधा बेंचर सामी, चलर टेर्स का खोर ॥

Sãon ke purwa, bhādoñ pachhima jor, Bardha bencha sāmi, chala des ka or.

-My husband, let us sell our bullocks and leave the country if there is east wind in Saon and a strong west one in Bhadon.

The following is current in Tirhut:-

कुषी चामदास चौठी चान। चन की रोपनर धान किसान॥

Kusi amāwas chauthi chān, Ah kī ropāa dhān kisān. —After the Kusi Amāwas (the festival of the 15th Bhādon, on which Brāhmans dig kus grass), and the Chauk Chanda (the moon of the 19th of Bhādon, O cultivator! you neede not plant out paddy.

# खतरा में जिन रोपक्र भेया। सीन धान शोए तेरह पैया॥

Utra meñ jani ropahu bhaiya, Tin dhân hoe terah paiya.

-Do not transplant in Utra Phaguni, for you will only get three grains to thirteen empty husks.

## रातुक कागा दीसुक सिधार ! कि भरी बादर कि उपटार ॥

Rātuk kāga dīnuk siyār, Ki jhari bādar ki uptār.

-If the crow speak by night, and the jackal by day, there will be either a rain-storm or an inundation.

## श्रीचा नीया नहे नतास। सन दोला नरखा के सास॥

Ana haua bahe batās, Tab hola barkha ke ās.

- -When the wind blows from all four quarters, there is hope of rain.
- 1089. To Asin (September-October) the following apply:—

# चिथा बरसे तीन चीत बा, सकर, साली, मास, । चिथा बरसे तीन जात बा, तील, कोदी, कपास।

Hathiya barse tīn hot bā, sakkar, sāli, mās, Hathiya barse tin jāt bā, tīl, kodo, kapās.

-Rain in Hathiya produces three things,—sugar-cane, rice, and pulse; and destroys three things,—sesamum, kodo, and cotton.

With this may be compared—

चदरा गेल तीनि गेल, सम साठी कपास। डाथिया गेल सभ गेल, आगिल पादिल चास॥

Adra gel tīni gel, san, sāthi, kapās ; Hathiya gel sabh gel, āgil pāchhil chās. -Want of rain in Aradra destroys three crops,—hemp, sixty-day rice, and cotton. But by want of rain in Hathiya every thing is ruined, both what has been sown and what will be sown.

## ष्ठिया बरिसे, चितरा में इराय। घर बेसे धनचा रिरियाय (or खगराय)॥

Hathiya barise, chitra meñrrāy, Ghar baise dhanha ririyāy (or agrāy).

—If Hathiya rains, and (the clouds of) Chitra hover about, the paddy-cultivator sits at home and utters cries of joy.

## चितरा बरसे साटी सारे। चागे भाइ गेंदई के कारे॥

Chitra barse māti māre, Āge bhāi gerui ke kāre.

-Rain in Chitra destroys the power of the soil and is likely to produce blight.

## श्वाधा चित्रा राद्र मुराद। श्वाधा चित्रा को नेराद्र॥

Adha Chitra rāi murāi. Ādha Chitra jau kerāi.

-In one-half of Chitra sow mustard and radishes, and in the other half barley and pease.

1090. To Katik (October-November), the following apply:-

# प्रको पानि जो बर्से खाती। कुरमिन पश्चिरे सोना पानी॥

Eko pāni joñ barse Swāti, Kurmin pahire sona pāti.

-If a single shower come in Swāti it enriches people so much, that even Kurmi women get golden earrings to wear.

नेद निदित ना शोखे आन । निना तुला निर्हे फूटै धान । सुल सुलराती देव पटान । तकरें बरहें कर ह नेमान ॥ तकरें बरहें केत खरिशान । तकरें बरहें को ठिए धान ॥

Bed bidit na hokhe ān, bina Tulu nahiñ phūtai dhīn, Sukh sukhrāti deb uthān, takrai barhai karah nemān, Tukrai barhai khet kharihān, takrai barhai kothie dhān.

- -What has been written in the Vedas cannot happen otherwise, and paddy cannot ripen before the balance (i.e. Libra = Kātik = October-November). From the festival of the Sukhrāti (i.e. the Divāli) to the Deb Uthān (11th of the light half of Kātik) there will be happiness. On the twelfth day after that, hold the festival of eating the new grain; on the twelfth after that, heap up the corn on field and threshing-floor; and on the twelfth after that, put the grain in the store-house.
- 1091. The following are the signs of the stoppage of the rains:—

# कप के खगे तो का भये, निरमल रैनि करना। कौये जल देखिएत सगरा, कामिनि कूप भरना॥

Chhap ke ugai to kya bhaye, nirmal raini karant, Kiye jal dekhiha sagra, kāmini kūp bhayant.

—It matters little if the sun rises obscured by clouds, because when the nights are clear (the rains will stop). You will only find water in the sea, and women will have to go to the wells for water.

# रात निवद्र, (or रातुक चक्तमक) दिन के क्या। कचे घाष जै वरखा गया॥

Rāt nibaddar (ox rātak chakmāk), din keñ chhaya, Kaheñ Ghāgh je barkha gaya.

—If you see a cloudless night and a cloudy day, be sure, says Ghagh, that the rains are at an end.

# बोस्ती लुखरी, फूले कास।

Boli lukhri, phūle kās, Ab nāhīū barkha ke ās.

-The barking of the fox and the flowering of kās grass are signs of the end of the rains.

# जिमे खास बन फूले कार्य। खब नाडी बरखा के खास॥

Uge agast ban phūle kās, Ab nāhīñ barkha ke ās.

-The appearance of the star Canopus and the flowering of the kās grass in the forest are signs of the end of the rains.

## काँसी कूसी चीठ के चान। चन का रोपनठ धान किसान॥

Kānsi kūsi chauth ke chān, Ab ka ropba dhān kisān.

- If the kās grass and the kūs grass flower on the fourth of the light half of Bhādon, why do you plant out, O cultivator (for the rains are stopped)?

1092. The following refer to the dry season:-

# श्वगण्डन दोवर, पूच फौड़ा। साम सवाइ, फागुन वरसे घर हू के जाई,

Aghan dobar, Pūs dyaurha, Māgh sawāi, Phāgun barse gharhu ke jāi.

-If it rains in Aghan, you will get double an average crop; if ir Pūs, one and a half; if in Māgh, one and a quarter: but it in Phāgun, then even (the seedlings which you brought from) your house will be lost.

चगचन जी वरसे मेघ, धन चो राजा धन चो देस ॥

Aghan je barse megh, Dhan o rāja dhan o des.

-Happy are the king and people when it rains in Aghan.

पानी बरसे आधा पूर । आधा गेर्डु आधा भूस ॥

Pāni barse adha Pūs, Adha qehūñ adha bhūs.

-Rain in the middle of the month of Pūs (i.e. early in January) will give you half wheat, half chaff.

माघ के गरमी, जैठ के जाड़,। पिंचा पानी भर गैल ताड़। घाघ कचें चम छोवीं जोगी। कूचीं कां पानी घोर्डे घोनी॥

Māgh ke garmi, Jeth ke jār, Pahila pāni bhar gail tār, Ghāgh kahen ham hobauñ jogi, Kūān kā pāni dhoihen dhobi. —Heat in Magh (January-February), cold in Jeth (May-June), and the tanks filled with the first fall of rain (are signs of a drought). I'll become a beggar, says Ghagh, and the washermen will wash with well-water.

## चैत के परुषा भादों के जसा। भादों के परुषा भाष के पन्ना॥

Chait ke pachhea, Bhādoñ ke jalla, Bhudoñ ke pachhea, Māgh ke palla.

- —The west wind in Chait (March-April) means rain in Bhādon (August-September), and the west wind in Bhadon means frost in Māgh (January-February).
- 1093. It will now be of advantage to compare the above with a native account of the behaviour of the asterisms preceding the famine of 1873-74. The poet Phatūri Lāl, in his tale of the famine, says as follows:—

June 1873.—Rohn is the first asterism of the rainy season; but,
Rainfall in Tirhut about as it came, it departed without rain.

Mirgsira fulfilled our hopes, for it gave a

few drops of rain and departed.

July.—Aradra passed by with great majesty, thundering on every side.

Rainfall about 61 inches, of which 4 inches were in the second week and 13 inches in the last week.

PUNARBAS is a very holy asterism, but it was also a miser.

PUKH saved the face of the earth, but it became

the end of the rains.

about

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August.—Askes rained upon such of the seedlings as did rise.

MAGHA was as poor as a beggar.

Rainfall about 4 inches.

September.—PURBA PHAGUNI gave no proof of his existence by rain.

UTRA PHAGUNI did not give even a drop to swear by.

October. - HATHIYA was like an elephant (hāthi) who put his trunk in his mouth.

Rainfall nil.

Rainfall nil.

Rainfall

inches

CHITRA was only a robber and a murderer.

November .-- Swati was put to public disgrace.

#### DIVISION VII.

## CATTLE AND OTHER DOMESTIC ANIMALS.

## CHAPTER I.—CATTLE GENERALLY.

1094. Cattle generally are known as मनेशी maweshi, मान māl, or मान जान māl jāl. Other names are चीचा chana north of the Ganges, चूर dhūr in Patna and Gaya, and बर्चा bardha in South-West Shahabad. A head of cattle is राम rās, and in Patna and Gaya also चूर dhūr. Horned cattle, exclusive of buffaloes, are गोन् goru or गाय गोन् gāy goru; also चूर डॉगर dhūr dāngar in Patna and Gaya. In Sāran डॉगर dāngar means cattle worn out from old age. In North-East Tirhut they are called चटन latal. A worn-out, useless cow or buffalo is said to be चटाच tutāh or चूट गेन tūt gail north of the Ganges, or in North-West Tirhut विच्यान behwāl. In Patna the term is थींग thaunsa, in Shahabad यद्भान thahasal or घोमन thansal, in Gaya नकादर nakādar, and in South Bhagalpur चटाने uthāno. Dead cattle are डॉगर dāngar in Shahabad and मरी mari in East Bihār.

#### CHAPTER II.-BULLS.

1095. A bull is चाँद sānrh when branded with sacrificial marks and let go, and घाकर dhākar when not so branded. चौभर chaubhar (Patna and Gaya) or घकर कोड dhakarchhoh is an imperfectly castrated bull, and विनवसामे binhāmo is a bull to the south-east.

#### CHAPTER III,-BULLOCKS.

1096. A bullock is बर्घ baradh, also in Patna, North-West Tirhut, and in Shahabad optionally बरद or बड़द barad. To the west it is also called बेस bail, and in Gaya धूर dhūr or पैरा paira. Plough-bullocks are called बराधी harāthi to the east. The pair are called कोइंग jora. In a team of three bullocks the wheelers are called धूरी dhūri

or धुरिवा dhuriya to the west, and नोड़ी jori to the east. The leader is वींड binr or विदिया binriya to the west, and चिड़ी jhitti or नाटा nāta to the east.

1097. A yoke of well-bullocks is called मोराइन बर्च motha baradh. The bullock which works blindfolded in an oil or sugar-cane press is called भारा nāta or कोल्ड्रा बेस kolhua bail. When there is ploughing going on, or a cart being pulled by the aid of three bullocks, of whom only two are yoked at a time while the third one rests, the three are called नेपूरा tedhura or (in East Tirhut) तेपूरी tedhri, or in Patna देपूरा tepta. Similarly when there are four bullocks, of whom two rest while two work, the team is called चीवर chaukhar or चीवरिया chaukhariya or प्रस्था charbardha, or in South-West Tirhut प्रस्थार pherwar. In the case of ploughing, the boy who looks after the unemployed bullocks is called in North-East Tirhut चन्यार anwāh.

1098. Bullocks are distinguished by various peculiarities, sucl as the following:—

A bullock unbroken to work is wert adari, also were adar in Tirhut, in Shahabad, and in South Bhagalpur. In Patna and Gaya he is witt audar, in South Munger wal abon. One that sit down at work is your parua to the west, and north of the Gange: कोड़ि korhi.* In South-West Shahabad he is गरिकर gariar, in Shahabad and Gaya गर gar, and in Patna मनःकोड़ी mankorhi. A vicious bullock is मरन्याच markhāh, also मरन्याचा markhanda in Patna, मरन्यत्र markhanno in East Bhagalpur, and मरन्यन markhan in Gaya. In South West Shahabad the words मरन्कचा markaha and जनन्या latha are used A shying bullock is फॅफरियाड phephriyāh to the north and west and fusate chihukār or seems harkāh north of the Ganges generally In South-West Shahabad he is चँदिया bandiya, in the rest of the distric सकार manjhār, in Patna and Gaya भरकाइर bharkāha, and to the south east इरव्यादा harkāha. To butt is इर पेटल hur petal in the west and मार mārab in Tirhut. In Patna and the east it is इंच सार्व dhūns mārab and to the south-east दूस मारव dhūs mārab or दूसा मारव dhūsa mārab. In Gaya it is द्विपापन dhusiyāëb, and such a bullock is द्वानार dhusmār o दिश्याचा dhusiyaha. To break in cattle is तेवारे जीतज teware jotal to the west. In Tirhut it is पाठ खनाएव or जोतव pat lagaëb or jotab In East Tirhut it is पाण्ड युमाण्य pāët ghumāëb, and in Gaya पौरी हैं जीतन piri men jotab. In Shahabad निकास mikāsal, in Patna जननाएः

^{*} Compare the proverb को दिवाद के फेफड़ि बहुत korhi barud ken phephar bahut,— it is the lazy bullock that snorts and shies.

- daghrāëb, in Gaya इपन्राप्य dahrāëb, in South Munger गोपन्राप्य gohrāëb, and in South Bhagalpur एटियाप्य chhatiyāëb, mean to cause an animal to get up and to drive it along a village-road.
- 1099. A stunted bullock is ननः किरन्या nankirwa, नाटा nāta, or नटन्या natwa. A dwarf bullock is गैना gaina.
- 1100. A bullock whose horns project in front is घाँचा ghoncha north of the Ganges and in Patna and South Bhagalpur, also घाँचा ghompa in East Tirhut. In Shahabad it is घाँचाचा ghonchwa, in Gaya घाँचर ghonghar, in Patna also घाँगारा ghongra, and in South Munger घाँचारा ghonghra.
- 1101. A bullock one of whose horns is erect while the other hangs down is चरमान्पनासी suragpatāli (literally pointing to heaven and hell) or चरक्रन्पनासी saranypatāli. He is also called देव deb in Champāran and West Tirhut, कंसास्री kansāsuri in South-West Shahabad, पनास चिद्वी patāl singhi to the south-east.
- 1102. A bullock whose horns join in the centre is নী বিত্বী gausinghi in South-West Tirhut, and বিন্তব্য singjutta or বিনত্ত্তব singjutal generally.
- 1103. A bullock whose horns are loose and are turned down is called मैना maina, or in Patna and the south-east मैन main.
- 1104. A bullock whose horns are curled like a ram's is मँड्स्वा bheñrwa, भँड् bheñr, or मँडस्वा mendiwa
- 1105. A bullock one of whose horns turns to the right and the other to the left is चानर chātar, or चनन्दा chatra when they are small and flat. When they are large, he is called फठाइ phathāh or फटन्डा phatha. In North-East Tirhut he is फरक-आंड़ा pharakjhāra.
- 1106. A bullock with stunted horns is सुटन्दा muthiva or सुटिया muthiya generally, but in Shahabad it is सुटास muthāt or सुटस muthail, and in Gaya सुटिया muthariya.
- 1107. A bullock with no horns is मुँड्डा munrera in Saran, सुद्धा bhunda in Champaran, भूँडा bhūnra or मुँड्डा bhunra in Shahabad, मुँडा mūnra in North-East Tirhut, and सुद्धा munda in Gaya and the rest of Tirhut, मुङ्खा murla in South-East Tirhut, Patna, and South Munger, and सूडा mūra in South Bhagalpur. Other names are दुड़िया dunriya in South-West Shahabad and दुडा thūtha in South-East Bihār.

- 1108. A bullock with only one horn is চ্ৰাক্তিয়া eksingha or ভিষত হয় singhtutta.
- 1109. When a bullock has a broken tail he is called बाँझ bānr or बाँझा bānra north of the Ganges and to the south-west, also बाइ। nārha in East Tirhut and the south-east. In Gaya and Champāran he is बाँडा banda, and in Patna खाडा landha or बाहा bandha. In South Munger he is खाँडा lānrha. The opposite to this is पाँखाडा ponchhwāla.
- 1110. A bullock with its cars covered with long hair is आवर hābar to the east and अवन्त jhabhra to the west. One with crooked eye-brows is भेडियाँ टेर bhauñāñ ter or भीड्याँ डेर bhauñāñ der, also in South Munger भाँवाँ डेरा bhānæañ dera.
- 1111. A bullock not used for agriculture because it has excrescences (representing Shiva) on its body, but purchased by religious mendicants, is known as set jataha or set basaha. Other local names are secret jathāwa in Shahabad and set jato in South Bhagalpur. It is the bullock ridden by Shiva.
- 1112. A इत्या chherua or ब्रिया badhiya is a castrated animal, as distinguished from the साँड sānrh or entire bull devoted and let go. The sacred marks placed on this last are the तिरम्द्र tirsūl or trident and the च्यार chakkar or discus.
- 1113. The following rules for selecting cattle are current throughout Bihār: —

बैल बेसाई चलल कना। बैल बेसिइ दूदूदना॥
काव कसीटी साँचोर बान। देशाढ़ि कि निस्मित चान॥
जब देखि इक्पधीर। टाका चारि दी उपरोड़॥
जब देखि हैना। तब एडि पार सँ करिइ बैना॥
जब देखि इबेरिया गोल। एट बैट के कि करिइ मोल॥
जब देखि इकरियवा कन। कैला गोला देख इजतुदना॥

Bail besāhai chalalah kant, bail besahiha dū dū dant,
Kāchh kasauti sāñor bān, ī chhāri kiniha mati ān.
Jab dekhiha rūpadhaur, tāka chāri diha uparaur,
Jab dekhiha maina, tab ehi pār san kariha baina.
Jab dekhiha bairiya gol, uth baith kai kariha mol,
Jab dekhiha kariyawa kant, kaila gola dekhah janu dant.

-My dear, you have started to buy a bullock, be sure and buy one with only two teeth. Do not buy any which is not some shade of grey; but if you see a pure white one, you may

advance your price four rupees. If you see one with loose horns, give handsel without crossing the road (to look at it more carefully, i.e., it is sure to be a good one). If you see one with a red head and a light red body, don't buy till you have had a good look at it. But, my dear, if you see a black, or a yellow-grey, or a red one, don't take the trouble to look at its teeth.

The following is a warning against two kinds of bullocks:-

# सरग पताली भी आँ टेर। स्थमन खाय, परोसिया हेर॥

Sarag patāli bhauñāñ ter, Appan khāy parosiya her.

—A bullock with horns pointing up and down, or one with crooked eye-brows, injures its master and the neighbours as well.

#### CHAPTER IV.—COWS AND BREEDING.

- 1114. A cow is जो gan or जाय gāy. One that has had one calf is known as a पिर्चोड or पर्चिटेंड नाय pahiloth or pahilaunth yāy. Sometimes these words are spelt with z t instead of with z th. A cow or buffalo within six months after calving is भेन dhen generally. In North-East Tirhut it is भेजन dhein or भेज dhen, in Patna and the south-east भेन dhen, and it is also देन dhen in Patna. After this she is बक्रेन baken, or (in Shahabad and the south-east) बक्रेन bakena. A cow that calves yearly, or that never stops milking, is प्रविधा purahiya north of the Ganges. A cow that breeds when five years old is प्राकृ pachār. In Shahabad and Patna she is धन-प्रश्ती dhanpurahi, in Patna (also), Gaya, and South Munger बर-धाइन barsāin, and in South Bhagalpur परिचा poraiya. A barren cow is बिह्ना bahila generally, also उद्देश thahra in South-West Shahabad.
- 1115. To be covered by a bull is बर-धियाण्य bardhiyāëb or परियाण्य pariyāëb, and also south of the Ganges बर-इर्ण्य bardāëb. Another general term is पास खाण्य pāl khāèb. To copulate (of animals) is बाइय bāhab, also in North-East Tirhut चौदाण्य ohāëb. In regard to buffaloes, भैंसाण्य bhainsāëb may also be used, and of a goat द्यार्ग्य chhagrāëb to the west.

- 1116. A cow in ealf is बरन्दाप्रक bardaël or गाभिन gabhin. In South Bhagalpur she is फरन्ती pharli. The act of calving is वियान biyan or विधान biyana. South of the Ganges भोज देव jhol deb is to give birth to a number of young, e.g. in South-West Shahabad a man was heard saying समार केरी दू भोज बचा दिस्न ए हैं a hamar chheri du jhol bachcha dihlus ha,—my goat has dropped kids on two occasions.
- natháhar, and in South Bhagalpur चौंड़ chaunr. A cow that kicks at the time of milking is रक्कर karkat, or in Tirhut च्या कारिकार कार्या के कार्य के कार्या के कार्य के कार

#### CHAPTER V.—CALVES.

1118. A calf as long as it is unweaned is बेह leru. A male calf is बाहा bāchha, बहरवा bāchhua, or बहरह bāchhru, and a female calf बाही bāchhi or बहिया bāchhiya when they are from 1½ to 3 years old. When a calf has two teeth, it is दोहान dohān north of the Ganges and in Shahabad. In the rest of Shahabad it is दुर्न dudant, and elsewhere दोदना dodant or दोदना dodanta. In West Tirhut it is दोख बेख dokh bail. When it has not yet got its true teeth it is called घटना udant, or to the east घटना adant. चोघर osar, or to the west बखोर kalor, is a heifer ready for the bull. In North-East Tirhut she is और gaur, in Patna फेटाइन phetāin, and in South Bhagalpur चॅकरिया ankariya. In South-East Tirhut चेर thair is a two-year old heifer. Full-grown cattle are तैयार taiyār. In calculating roughly the age of packbullocks, the word नोस taul, or in Gaya पूर pūr, is used. Thus एक नोस ek taul or एक सास के नोस ek sāl ke taul, one year full-grown; द् तीस du taul, two years full-grown; and so on, the counting commencing from

^{*} Cf. the proverb जाहों ते लिए पारए सहिए कड़र बेन; जात खात सुझार ते सहत हुमारि धेन jāhi teñ kichhu pāïai, sahiai karui bain; lāt khāt chuchukār teñ sahat dudhāri dhen,—from whomsoever you expect to receive benefits, you must bear abusive words; even while being kicked by a milch-cow, a man will endure its actions and pat it.

the time when the bullock has eight teeth, viz. when he is four years or more old. A calf with six teeth is called कर्नेत chhadānt. It is also called कहा chhakkar, कहा chhakra (male), or कहा chhakri (female). Such calves are not appreciated, as in the proverb सुद्ध बर्द्ध क्यां क्यां barda chhakri,—as soon as a bullock is dead (it is abused and called) a chhakri. A calf with seven teeth is समाद्द satdar or समाद satdhar to the west, and समाद sattar elsewhere south of the Ganges, except South Bhagalpur, where it is समाद satattar. In West Tirliut it is समाद satdanta. A calf with eight teeth is पूरा pūra, i.e. full-grown, or समेच adhail.

1119. Coaxing a cow that has lost its calf to eat gram is called तोरिया toriya, or in South-East Tirhut घष-तुरिया ghasturiya. In South Bhagalpur it is called कोरियान toriyan. The same words are used for reconciling a cow or a buffalo to its newly-born calf by smearing the latter with sugar. A kind of hair string used for tickling a cow with a similar object is सेल्ड selh or सेल्डी selhi; and to do this is दाँवल danwal in the north-west and des selhal in South-West Tirhut. Sometimes the skin of the calf stuffed with hay is put before a cow which has lost its calf, especially at milking time. Salt is sprinkled on it and the cow licks it and lets her milk flow. The stuffed calf is called सगावन lagawan north of the Ganges. In South-West Shahabad it is called खिलाड़ी khalitari, in the rest of the district मौर maur, in Patna करन्त्री karchi, and in Gaya करन्ती मुरी karti mūri. The kind of food given to cows when they calve is पखेव pakheo to the west and in Patna; also पखेंचा pakhewa in South Munger. In North-West Tirhut it is चौचाट chohāt or चुचाड़ chuhār, and in North-East Tirhut चोडेर chohair. In South-East Tirhut it is महेचा mahela, and generally मचाचा masāla. In Gaya it is पुषः है pustai.

#### CHAPTER VI.-BUFFALOES.

1120. A male buffalo is भैंचा bhainsa, also महिचा mahisa in East Tirhut. A female buffalo is भैंच bhains or भैंची bhainsi; also भई bhaiñ north of the Ganges, and महिच mahis or महिची mahisi in East Tirhut. A buffalo calf is पड़क parru or कड़क karru. A male buffalo calf is पाड़ा pāra or काड़ा kāra, and a female one पाड़ी pāri or काड़ी kāri. A well-known proverb is चेन महिची चर, पड़क्विं मार khet mahisi char, parruhiñ mār,—buffaloes are grazing in the fields, beat the calves, i.e., in a fight the smaller men get eaught, and the richer and more powerful real

culprits get off. In Patna and the south-west with lochar is a two-year old buffalo. In Gaya it is zeta tehān. A buffalo with two teeth, i.e. three years old, is us pas.

#### CHAPTER VII.-GOATS.

- · 1121. A goat is कर chher or बकर bakkar. A he-goat kept for breeding is generally बोका boka. General names for all male goats are बकरा bakra, खस्री khassi, or खस्री khañssi. Other terms are बागर chhāgar or बोक इंग्र bokra (North-East Tirhut), बोन् botu (Patna) or बोनो boto (South-East Bihār), बोयइ bīyar (South-West Shahabad), and विश्वच biahan (rest of that district). A she-goat is बकरी bakri or करी chheri, also क्यारी chhagri to the east. A castrated goat is specially खस्मी khassi or खस्मी khañssi in Tirhut and south of the Ganges. North of the Ganges the general name is क्या chherua.
- 1122. A kid is पटन्क pathru. A male kid is पाटा pātha or सेमन्ना memna, and a female पाटी pāthi, पटिया pathiya, or सेमन्नी memni. In South Munger it is sometimes called चक्क bakru. A goat kept for sacrifice is called south of the Ganges पटन्क pathru, but when kept for other sacrifices it is called जस्ती khassi.

#### CHAPTER VIII.-SHEEP.

- 1123. A sheep is भेंड्र bheñr. A ram is भेंड्रा bheñra or (in South Bhagalpur) भेंड्रो bheñro, and a ewe भेंड्रो bheñri. A lamb is भेंड्रिक बच्चा bheñrik bachcha, also पटन्क pathru and बक्क bakru in Tirhut. मेंग्रना memna is also used in South-East Tirhut.
- 1124. A flock of sheep or goats is आएड jhund or आई jhunr; also जोड़ jer in East Tirhut, हेड़ her in West Tirhut, and जोड़ jel in South Tirhut. A flock of about twenty is चेंडड़ lenhar, and of about one hundred बाम bāg. गेंडड़ gahenr is a still larger flock of four or five बाम bāg. In South Bhagalpur खर्डो kharuho, and in South Munger सहेर saher, mean a flock of sheep.

#### CHAPTER IX.-PIGS.

1125. The general term is হুন্ব sūgar or হুছেব sūar, also ভাৰা dhoka in North-East Tirhut. Musalmān villagers call them euphemistically

बद् कीम bad kaum, or in North Tirhut and Patna बद् खोम bad khom (i.e., 'low easte'). Other similar names are दराम harām in Gaya, and बद्ध मोदारी bad mohri. A young pig is पाइर pāhur to the east, also (male) डदारा dahra north of the Ganges and in Gaya, दर्पा tahra in Shahabad, होना chhauna in Patna and the west, and द्वारा chhāua in Gaya. Fomale names are दर्पी dahri (also in Gaya) or द्वार chhāi north of the Ganges, and द्वारी kumbhi in Gaya. A full-grown boar is पद्म pattha or पद्मा pathra in North-East Tirhut, and a full-grown sow is सोमन्ती somni in the same place. A pigsty is दोभार khobhār, or to the west दोमारि khobhāri. In South-West Shahabad it is also दोबार khobār in South-East Bihār it is देशार khabhār, and in Patna and Gaya it is देशार bakhor.

#### CHAPTER X.-HORSES, MULES, AND ASSES.

- 1126. A horse is घोड़ा or घोरा ghora, and a mare घोड़ी or घोरी ghori. A common term for both is घोड़ or घोर ghor. South of the Ganges and in Sāran another word for a horse or mare is चरचा charvea. A pony is टइ tattu, and a pony mare टट्यानी tatuāni, and also in Patna and Gaya मिट्यान madıyān. A foal is बहेड़ा bachhera, and a filly बहेड़ी bachheri.
- 1127. To own a horse is a great piece of display according to Bihār ideas, as in the proverb इंड् गोट घोड़ी, भी गोट फींडा derh yot yhori, nau got phanj (spoken of one who makes display when he cannot afford it),—the owner of one and a half (i.e. two wretched) mares goes about (like a lord) with nine servants.
- 1128. An ass is गदन्दा gadha, a she-ass is गदन्दी gadhi, and an ass's foal गदन्दा के बच्चा gadha ke bachcha, or (in East Bihar and Shahabad) कोनी chhauni. An ass-driver is गदन्दें gadheñri. A mule is खद्ध khachchar.

#### CHAPTER XI.-ELEPHANTS.

1129. An elephant is जायो hāthi, a male elephant is ज्ञा hattha, and a she-elephant ज्ञायो hathini, ज्ञानी hathini, or (in East Tirhut) मेंद्रनी medni, and in South-West Tirhut जोड़ी jorhi. A male elephant with small tusks is महाना makuna. One with large tusks is पहा pattha.

1130. Elephants are tied up with a front foot-chain, which is বিদ্বা beri or বিষয়ে paikar, and also in South-East Tirhut হয়তা chhanua. Its hind legs are chained with chains called ভ্ৰমী daggi or নজুৰ nangar, and also with a wooden hobble, called ভ্ৰমৰ kathbandhan.

#### CHAPTER XII.—CAMELS.

1131. A camel is ऊँट unt, also among Musalmans प्राप्त shutur-Its young is called बोता bota in North-East Tirhut. Its nose-ring is बनेस nakel. सटन्दा kathra or काटी kāthi is its wooden saddle, also called पसाम palān in North-East Tirhut; and ग्रेस gadela or ग्री yaddi is the pad.

#### CHAPTER XIII.—STRAYING OF CATTLE.

1132. To stray is generally हरा जाएन hera jāëb; also in Sāran मुखा जाइन bhūla jāïl. Other terms are चनेर aner (or चनेरना anerwa) जाएन jāëb in North-East Tirhut, नचन्क bahkal or भौरियाएन bhonriyāël in Shahabad, and नच्ट जाएन bahat jāëb in Patna and Gaya. नचान bathān, and also in North-East Tirhut गोचाच goās, is a cattle enclosure. Other words are चेरा ghera, टाउ dhāth, and टाउा dhātha. जम्मन lambhab, लाँभन lāmbhab, or जामन lāmhab, is to drive cattle into another's field to graze on the crops.

#### CHAPTER XIV.-COLOURS OF CATTLE.

#### 1133. These are—

White.—This is चरक charak or चरन्का charka, with a variant चरन्को charko in South Bhagalpur. In Gaya it is द्याची rupādhau, and elsewhere also इत्यन्धर rūpdhar or इत्यन्धीर rūpdhaur. Another word is चैंबन्स chamura in North-West Tirhut.

1134. Grey of various shades.— घवर dhawar, और dhaur, or in Shahabad घावर dhāwar, is a light grey. चोकन sokan is a dark grey, कैस kail or केसा kaila is a yellowish grey or cream-colour, and चिसेचा silebu or चिसेचे silebe, reddish grey. चाँचर sāmwar or चौँरा saunra is a black grey. कसीटी kasauti and काक kāchh are shades of grey.

- 1135. Red.—A reddish cow is गोल gol, गोला gola, or गोलन्या golwa. A dark red one is जान lāl. A cow with a red head and the rest of the body of a lighter colour is बेरिया गोल bairiya gol. धुरगोलो dhurgolo is another shade of red in South Bhagalpur. मझगेल mahugol means red like the mahua flower (bassia latifolia). In Shahabad this is मझपर mahuar, and in South Munger मझखा mahulakha.
- 1136. Yellow.—This is पीखर piar or पिखरा piara. गडमन gahuman or गोडमन gohuman is wheat-coloured.
- 1137. Black.—This is कारी kāri, करिया kariya, करियम kariyawa, or (South Bhagalpur) करुचा karua.
- 1138. A spotted cow is काँस kāns, a brindle one बगन्सका baychhalla (tiger-skinned), लाल बगन्सका lāl baychhalla being a red brindle and सुफेंद्र बगन्सका suphed baychhalla a white brindle. कर-कमा karkandha is one black on the shoulders. In Shahabad this is called करिकमा karikandha. गुलन्दार guldār is a spotted cow, and पाँच कलियान pānch kaliyān a piebald one, or more properly one with white stockings and a white blaze on the forehead.

#### CHAPTER XV.-HIDES.

1139. These are चमन्डा chamra, खान khāl, or चरना charsa. गोंखा gaukha is raw cow's leather. It is also called गोरंटा youtu north of the Ganges. भेगीटा bhainsauta or (in South Bhagalpur) भेगीटा bhainsautha is that of buffaloes. चाम chām is tanned cow hide. Sheep skins are खन्डी khalri. A bullock's hide cut in two halves is चामा फारी ādha phāri or (North-East Tirhut) फाँकी phānki. The hides of cattle which have died a natural death are मुरन्दारी murdāri or मुरन्दार murdār, and those of killed cattle इन्नान halāli. चामर sābar is tanned deer skin. A depôt for hides is चरना के गोदाम charsa ke godām. In South Munger चरना charsa is a cess paid by tanners to the landlord.

#### CHAPTER XVI.—CATTLE SLAUGHTER.

1140. A slaughter-house is चोकाना lokana in Champaran, मनन्दर nanhar in South-East Tirhut and Shahabad, and कि उन्दाना kilkhana in South-West Tirhut.

- 1141. Another name in Shahabad is सुरन्द्यान gurdawān, and in Patna खूँड khūnt. Flaying and cleaning is कमीना kamīna or कमाना kamāna. A butcher is कमार kasāi, but a goat-butcher is कमरन्कमान bakar kasāb, and a चिक chik* or चीक chīk kills both goats and sheep. The large knife used by them is नोगन्दा bogda, and also north of the Ganges द्विया dabiya. The block is उंचा theha, कुन्दा kunda, or कुन्दो kundi. In South-West Shahabad it is खोड़ khor, and in South Bhagalpur it is परन्का parkattho. The string used for hanging up the animal to be flayed is खोकाना lokāna.
- 1142. A cultivator has many terms of abuse for his cattle. A favourite one is जार करेंग खँटा jāh kasaiya khūnta,—may you go to the butcher, or to the sacrificial stake.

#### CHAPTER XVII.-FEEDING CATTLE.

- 1143. To chew the cud is पगुरी (or पागुर) करव paguri (or pāgur) karab north of the Ganges and in Shahabad. South of the Ganges generally it is पगुराण्य paghurāëb or पगुरी करव paghuri karab. Local names are पाज करव pāj karab in Tirhut, कोरी करव kori karab or कोरी करव kauri karab in Patna and Gaya, and पन्डें करव galthai karab in South Bhagalpur.
- 1144. Cattle fodder, consisting of the stems of the जनेरा janera (Holcus sorghum) and similar green stuff, is cut with a chopper (see §§ 86 and ff.), and is known as जुड़ी kutti or कुटिया kutiya. In South Bhagalpur it is कुटारी kutri, and in Patna कहा kutta. The fodder for stall-fed cattle is गवन gawat north of the Ganges. Other names are ज्ञाना lehna—current in Shahabad, गीन gaut in Gaya, and गीनाचा gautha in Patna. A general word for fodder is चारा chāra, or in North East Tirhut चरी chari. गकारीटी gajrauti or (in Gaya) गकारीटा
- *It is unlucky to touch money received from these men on an inauspicious day. Hence the proverb:—

बिप्र टह्ह बधा, चोर्क धन, घो बेटिन के बाद। प्रहू से धन न घटे, तो कारी बड़न मे राड़। Bipra tahalua, chik dhan, o betin ke bārh. Ehu se dhan na gate, to kari baran se rār.

—If you cannot get rid of your wealth by having a Brāhman servant, keeping possession of money received from a butcher, or from excess of daughters, you will do it by fighting with bigger men.

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gajrauta are stalks and leaves of the carrot (गाजर gājar) given to cattle. The chopped up sugar-cane tops (गॅंड genr) given to cattle as fodder are called जाँड ageñr, &c., as described in § 1012. चाँडो chānchhi in North-East Tirhut is a cattle-food made of spring-crops cut before they are ripe and then dried. जानी sāni is the chaff and water on which bullocks are fed.

- 1145. To feed cattle is सानी पानी करव (or देव) sāni pāni karab (or deb). Another phrase current in Patna and Gaya is गीत देव gaut deb. A load of fodder is बोमा bojha, and also मोट mot in Patna, Gaya, and Shahabad. Chaff is असा bhūsa, with variants भँग bhūnsa (in Patna and Gaya) and सस्ता bhussa. The net full of chaff is जमा jalla or जासा jāla generally. In Shahabad and South Munger it is जसा jalla or जासा jāla generally. In Shahabad जोरा jora, and in Patna कपाद kapāi. The refuse grass, &c., which cattle leave behind is स्वयं lather to the west, नियास mighās to the north-east, and गोसार in Patna, Gaya, and the south-east. Local names are खयस khadhel in Shahabad and गोरायारो gorthāro in South Bhagalpur.
- 1146. A beast that eats little is निखाराड nikhorāh or निख्राड nikhurāh, also चिकनिया chikaniya or अलग्जिया alpajiya in South-East Tirhut and गवनन्योर gawatchor in South-West Tirhut. In Patna and Gaya it is optionally नक्सोंच naksondh, in South Munger चिकनन्त्रीर chikankaur, and in South Bhagalpur चिकन-जिस्नो chikanjibbho.

#### CHAPTER XVIII.—PASTURAGE.

1147. Lands set apart for pasture are generally simply परन्ती parti. Special names are, however, रखान rakhāt north of the Ganges and रखाँन rakhānt (South Munger). Other names are निरागाद chirāgāh in Sāran, Patna, and South Munger, चराँट charānt or बाध bādh in Gaya, and अवार arār Shahabad. A cattle-yard is बयान bathān or बयानी bathāni. The field in which cows are fed is in South-West Shahabad चराद charāï, in the rest of that district चनेर uber, and in South Munger चनेरा ubera. In Gaya it is बाध bādh, in Patna बद्धा baharsi, and in South Bhagalpur बद्धिया bahiyār or चार ār. Cattle left to graze without watch are अनेरिया ancriya to the west, चनेरा anera in West Tirhut, बुद्धा chhutha in Gaya, उद्धार udangar in Patna, उज्जा ujiha in South Munger, and उज्जा ujra in South Bhagalpur.

## CHAPTER XIX.—FENCES.

1148. A fence to keep cattle out of fields is घरान gherān or घरानी gherāni to the north-west. In Tirhut it is बारी bāri or बेढ़ berh. South of the Ganges it is घोरान ghorān. Local names are घरा ghera in Tirhut and बापा chhāpu in South Munger. In Champāran दिसाँत hirānt is a hedge of brambles not fixed in the ground.

# CHAPTER XX.-GRAZING-FEES.

- 1149. These are of two kinds:—
  - (1) Those paid to the owner of the land.
  - (2) Those paid to the herdsman.
- 1150. A cowherd is called द्वार gwār, गोबार goār, बहीर ahīr, बरन्वाह charwāh or बरन्वाहा charwāha, and गोरन्खिया gorkhiya A tender of cows is in North-East Tirhut गैवाह gaiwāh. A shepherd is गड़ेरी gareñri or भेंड्डिर bheñrihar. South of the Ganges the latter also takes the form भेंड्डिर bheñrihār or भेंड्डिरा bheñrihāra. A local name is भेंड्डिर bheñrdhurai in South Bhagalpur.
- 1151. (1) The fees paid to the owner of the land are known as खराचरी kharchari or खराचराइ kharcharāï north of the Ganges and in Gaya. The latter also is used in Gaya. In Shahabad the term is बरादिश bardiya. In Tinhut, Patna, and the east are noted काम चराइ kās charāï, हेना dena, भैंसीभा bhainsondha, and बरादाना bardāna. In the south-east the word is देना daina. In many places these fees are only paid for buffaloes, and not for other cattle.
- 1152. (2) Those paid to the herdsman are ব্ৰেয়া charwāhi or ব্যায়ে charāi. See also § 1205.

# CHAPTER XXI.—COWHOUSES AND ENCLOSURES FOR CATTLE, CATTLE-OWNERS, &c.

1153. A cowhouse is गौसार gausar or गौसाला gausala. To the east it is गोसास gohāl. Local names are गैसरा gaighara in North-East Tirhut, द्राचील darkhol in South-West Shahabad, and दोगार dogāh in Patna and Gaya. सार sār is also used to the west. यरसरा barghara, or in Gaya यसरायरा baharghara, is a cattle-shed. In

Champaran a breeding-shed for cattle is called धारी ghāri. A place where cattle are collected is बणान bathān. In some places a special word is used for spots where buffaloes are collected, viz. दिरास hirāt in the north-west, खेंद्र lenrh in North-West Tirhut, बेटार baithār in East Tirhut. To collect cattle is बणानियाण्ड bathniyāël. In North-West Tirhut it is खेंद्रियाण्ड leñrhiyāël. A cattle enclosure is पाना pājha in the north-west and पद्यानी palāni in Tirhut. In Shahabad it is बढ़ार arār. A local name in North-East Tirhut is ढढ़ा dhattha, which becomes ढाट dhāth in West Tirhut. A general word is वयान bathān. In Patna घड़ान arān, and in Gaya घड़ा ara, is an enclosure for cattle in the forest.

- 1154. To the west an owner of cattle is called होषार mauār. The song sung by cowherds while herding is called विरन्धा birha, or (in South Munger) महन्दार mahrāi. Another similar song, but sung to a different air, is चाँचर chānchar. छोरन्कार lorkāi is a special cowherd's song concerning a hero called खोरिका lorika. In South Bhagalpur the cowherd's dance is called खोरिका loriyāro. The man who dances is called नद्वचा natua or नद्वचा natua.
- 1155. In Gaya चॅक्हन्या chelhwa, in West Tirhut चक्हा chalha, and in Sāran चाक्हा chālha, is a knife used by milkmen. The brand for branding cattle is साटी sāti.

### CHAPTER XXII.—CATTLE-DEALERS.

1156. These are फरन्दा pherha north of the Ganges, and in South Bhagalpur फरन्देक pherbaik. In South-West Shahabad they are परिचा hariha, in Patna खँडरिंड्याचा lenhriwāla, in South Munger गॅडरिंड्याचा genhriwāla, and elsewhere परिचाचा hārwāla.

### CHAPTER XXIII.-MILK AND ITS PREPARATIONS.

1157. Milk is दूध dādh. Cow's milk is गय gabya or गोरस goras. To milk an animal is दूसन dāhab or सगापन lagācb. A cow that gives milk is सगन्दर laghar or सगाया lagwan, as opposed to नाटा nātha or सनाटा anātha, which is one that does not; one that milks plentifully is द्यारि dudhāri.*

^{*} Cf. § 1117. Another proverb is द्वारि गाय के दू कातो भना dudhari gay ke du lato bhala,—even two kicks from a good milker are to be valued.

- 1158. When the milk of a cow or buffalo runs dry, the word used is विद्युष्ट bisukhab. Local words are डाइंड होएव thāinth hoëb (South-East Tirhut), विशव्दाव biskhāb in Patna and South-East Tirhut, वृद्युष्ट chuhtāb in Shahabad, and उसन्दा thamra in the south-west of that district. The milk of a cow for six months after calving is धेन (or south of the Ganges देन) के दूध dhen ke dūdh. After that it is बक्रेन के दूध baken ke dūdh.
- 1159. The unsophisticated Bihār villager is not ignorant of the advantage which accrues to the seller by watering the milk he sells. According to popular belief the cow acts as the milkman's confederate in this, as in the proverb गाय गोपार मिसाप, उड़नें पानि दुषान, gāy goāreй milāp, thehuneй pāni duhāb—the cow and the milkman are confederates, for (without the pail leaving his) knee, she lets him milk water into it. At the same time it is but fair to add that some translate the proverb as meaning that when a cow and the milkman are friends she will let him milk her even standing in water up to her knees. Both translations are possible.
- 1160. Clarified butter is च ghyu. Sometimes the Hindī word घी ghī is used. The word is sometimes spelt घीच ghīw. Local names are नेज neun in West Tirhul, चिकःना chikna in Gaya, नेन् nainu or खेम lain in Shahabad, and नेन् nenu in the east. Fresh clarified butter is चरीर के च ahīr ke ghyu, or in South Bhagalpur गिरज्ञ च girastu ghyu; and that stored for a time in leather vessels कुप्पी के च kuppi ke ghyu or गेस्हा के च gelha ke ghyu. South of the Ganges it is also called दिखनारा च dakhināha ghyu.
- 1161. The sediment which settles in making clarified butter is महियार mathiyar, माउ māth, or माउा mātha north of the Ganges. South of it it is सन् lainu in South-West Shahabad, मउन्मर mathgar in the rest of that district, मउन्सा mathāha in Gaya, and मउन्से mathāhi in Patna. The refuse left in boiling it down is दारी dārhi; also महिया mahiya in North-West Tirhut, and घोर ghor in Tirhut generally. Other names are पाइन phāran and महन्स mahran in Shahabad, and कोरीनी korauni, used in the same place and in South Munger; खंडोड़ी khankhori in the rest of Shahabad, and खरन्सनी khurchani in Patna.

- masculine.* Another name current in West Tirhut is समुद्दे sajur. The old curds put in to curdle milk are जोरज joran. Tyre is a luxury, hence the proverb घर दशी, बचरो दशी ghar dahi, bahro dahi,—only he who eats tyre at home gets it abroad.
- 1163. Curdled milk is जमाव द्दी jamāo dahi or यजाव द्दी sajāo dahi. Other names are सुँची sānchi to the east, यज्ञवा sajwa in North-East Tirhut, मिहर mithur in South-East Tirhut, and जमुर jamuï in Gaya. The cream of this is called हान्ही chhālhi, a local variant being हानी chāli in Patna. In South-West Shahabad it is याची sārhi. When this is taken off, the remainder is called कहर दशी katuï dahi or रूपान्वहर chhalkatui. In Shahabad it is also called विद्यर chhinui, and another name north of the Ganges is विद्यार chhinuhi. Another variety of curds, from which the whey has been expressed or boiled, is called देना chhena. It is something like the dry curds from which cheese is made in England.
- 1164. The thick milk given by a cow just after calving, or beesting milk, is फेंड्र phenus or फेंड्र phenusa to the west. In Tirhut and the south-east it is दिर्म khirsa, and in Gaya टाकर dhākar means the milk of the first milking after calving, फेंड्र phenus being that of the second. A cow that drops her milk is कांम में ह्या kāmdhenua or घेड्र यागर dhenuāgar north of the Ganges, also यागर khāsar in East Tirhut. To allow the calf to suck the teats of a cow for an instant before milking, so as to induce the latter to let the milk flow, is फेंग-राग्ड phenhāël or परागड़ penhāël.
- 1165. Cream is मखाद malāi or बजाद balāi, and skim-milk पचावन pasāwan or (in East Tirhut) ছतुचा दूध chhanua dūdh.
- 1166. Butter before clarification is नेजन neun north of the Ganges, and also नेज nen in North-East Tirhut. South of the Ganges it is जैन lainu to the west, चिकाना chikna and मनखन makkhan in Patna and Gaya, and नेन nenu there and in the south-east. Butter-milk is महा mattha, भाउ। mātha, or घोर ghor. In Gaya and the south-west it is also कॉक chhānchh. A well-known proverb about butter-milk is दूषक जारें महा फूकि पोने dūdhak jaren mattha phūki pībe,—through having been scalded by (hot) milk, he blows on the butter-milk before he drinks it, i.e., a burnt child dreads the fire.
  - 1167. The khoä is milk boiled down till it is thick.
- * E.g., in Manbodh's Haribans, VII, 48, एকমা বহি নটি উল মাঘলাছি, ekao duhi nahiñ lel adhalāhi,—they did not take a single bad curd.

# CHAPTER XXIV.-CATTLE DISEASES.

- 1168. Medicines are administered through a bamboo tube called ভাষো dharka or কাঁড়ী kānri.
- 1169. The identification of the following diseases is in many cases very doubtful. The list is given rather in the hope that it may form the basis of a future identification by competent experts. Probably many of the names given as representing different diseases are merely different local names of one and the same disease.
  - 1170. Farcy.—This is अशिया agiya or अगिनःबाय aginbāy.
- 1171. Diseases of the stomach.—সাঁকী jonki is inflammation caused by small leeches in the stomach and liver. In West Tirhut it is সৌকাটো jokti. উত্তৰকা petchali, or (in Tirhut) উত্তীক petauk, is diarrheea; মৌকৰ pokah, or in North Tirhut কাঁকী chhūnri, is purging. বিভাৱী pilhi is said to be a swelling of the liver. Perhaps it is disease of the spleen.
- 1172. Foot and mouth disease.—This is ভাৰতো khorha in the north-west and in West Tirhut, অহলাৰ ahwāh also in Champāran and North-West Tirhut, ভাৰতো khangāha in East Tirhut, ভাৰতো khangāha in South-East Tirhut, আমা ābha in Tirhut generally, and (optionally) ভ্ৰতে khurha in Patna and Gaya.
- 1173. Diseases of the throat and mouth.— आँती बहब anti barhab, or भाँती पढ़ जाएन anti charh jach, is swelling of the uvula. कणार kanthar (Gaya and the north-west), भिरुषी bhirukhi (Tirhut), कणा रोग kantha rog (Gaya and Tirhut), दरका dharka (Patna), is a disease of the throat and chest, which swell and prevent the animal swallowing. The dhansi (north of the Ganges) is cough. बेगा benga is inflammation of the vessels of the tongue followed by dysentery. gast thukha (Patna and the south-east) is described as a disease in which saliva flows from the mouth. सुखन्मामी sukhbhāmi (north-west and Gaya), दें दी chhenri (Tirhut), इतन्तर dantnar (South-East Tirhut), इतुचा hanua (South-East Tirhut and Patna), सुकरन्वरेंत sukarwant (Patna, Gaya, and Shahabad), इन सुद्र dant lahar (South Bhagalpur), are described as diseases of the tongue. जियो jibbhi (West Bihār) or जिभन्पहा jibhsatta is lampus. সুত্তী bhundi (Patna) is described as a throat disease. কতা যাত kantha sāru (South-East Bihār), or in Gaya नादी कनन्वा nādi kanua, is a disease in which sores form in the throat; so also in the same tract is चौना

- रोखा sona hola. चोर सटन्का chor matka (South-East Bihar) is a disease of the mouth which prevents the animal eating. स्वाप्तिका munihpasija is diarrhoea with watering at the mouth. In Gaya घरण्याचा ghargharwa is a disease accompanied by rattling in the throat. घोषण्याचा ghonghphulwa in Gaya, and घेषुचा gheyhuu in Gaya and Shahabad, is a kind of goitre.
- 1174. Diseases of the feet.—Foot-rot is अनन्तास jhanakwāh (North-West Bihār and Shahabad) and अनन्त jhanak in Tirhut. In Patna it is अनन्ताना jhanakbāta, and in South-West Shahabad अनन्ता jhanka. बाना bāta is a swelling of the knee-joint. When a bullock becomes lame through overloading, the phrase used is अर जाएन bhar jāēb, सर्व जाएन sarak jāēb, or उत्तर जाएन ukhar jāēb, or in South-East Tirhut चन्ना khanja. चरेंचा charaiya in the south-east is too large hoofs. खाँग khāng is an insect bred in the feet, which is supposed to devour the whole body. An animal affected with it is खाँगना khāngal.
- 1175. Rinderpest.—This is चेचक chechak everywhere. Other names are गोटी के निकन्मारी goti ke niksāri and महन्माया mahmāya, both generally, and बरन्का बेमारी barka bemāri in Champāran, गोसाजन gosāün in North-East Tirhut, खनार कटन्या antar katwa and जगन्द्रमा jagdamma in Gaya.
- 1176. Windy colic.—This is फुलन्बात phulbāt, पेट-फुली pet phulli in Tirhut and Shahabad. In Patna it is विश्वा bindha. A similar disease, accompanied by difficulty of breathing, is फुलन्बचा phulbayha in Gaya and Shahabad.
- 1177. Staggers.—These are मिरानी mirgi generally; other names are घुरानी ghurni (Patna and the south-east), घुमारी ghurni in South-West Shahabad, and प्रायान्त्र hateyarva in the rest of that district. Perhaps इनाकी tunki in the South East, which is described as a sudden death of cattle, is a variety of staggers.
- 1178. Worm (or filaria) in the eye.—This is चाँद्रनी chāndni in Gaya, and मादा māra or मादा फजी māra phulli in Shahabad.
- 1179. Tumours.—These are সম্বাহ jaharbād, with a variant সম্বান jaharbāt in Gaya and South-West Shahabad. Another name in Shahabad is বিৰুদ্ধী pirki.
- 1180. Fevers. बहैया arhaiya or बहेया arhaya is a fever lasting two and a half days. In Tirhut it is called जरन्छोर jarkhor.

- 1181. Pneumonia (?).—A disease attended with panting is called इंग्ड hāmph in the north-west and in West Tirhut. In South-East Tirhut it is इपन्नी haphni, and in North-East Tirhut बान bāt.
- 1182. कॉइन्पका konrpakka (South Bhagalpur) is a disease in which the liver gets abscesses. खर्ग kharra is a kind of mange. It generally attacks young cattle.

# CHAPTER XXV.—CATTLE-FODDER.

1183. The following grasses and other plants are used for cattle-fodder. Their botanical names have not been in the majority of cases identified:—

अँकन्टा ankta,—see अँकन्दी ankri.

अँकारी or अँकाड़ी ankri (west), भेखारी bhekhri (north-west and Gaya), भिखीर bhilor (north-west), आँकाटा ankta (Patna, Gaya, and southeast); also खटाका atka (South Bhagalpur), ricia sativa.

चटन्ता atka,—see चॅकन्री ankri.

অঁৱতী anthuli (Gaya), স্বাঁতিভ anthil (South-West Shahabad and Gaya).

चन-जान anjān, (Patna, Gaya, and Shahabad).

चन-ता amta (West Tirhut).

अमन्दोरा amrora (East Tirhut, Gaya, and Champāran.)

चरेया araiya (generally).

चाँ दिख anthil,—see चँहनी anthuli.

उनन्टा चिरनिरी unta chirchiri (East Tirhut and Gaya).

चोरी टीनी ori tini (Patna and Gaya).

चौंकर aunkar (Shahabad and Gaya).

कजन्स kajla (Champaran and North-East Tirhut) or कजन्दी kajri (Shahabad).

कतन्दा katra (Saran and Tirhut).

कनन्या kanwa, कन्ना kanna, - see केना kena.

करनी karmi,—see करेम karem.

बरार karār (Shahabad and South Munger).

करेन karem (South-West Shahabad), कारनी karmi or करनी उत karmi lat elsewhere, a creeping-plant with a small white flower which grows in marshes (Convolvulus repens).

काना kāna,—see केना kena.

कुकारींघा kukraundha (north).

कुषा kukusa (South-West Shahabad).

केना kena (west and Gaya) or काना kāna (Tirhut, Patna, and South Munger), also कमन्या kanwa (Gaya) and कन्ना kanna (South Bhagalpur and Gaya), which grows in Indian corn.

कोदिना korhila (Champaran and North Tirliut).

कीचारा kanāra (East Tirhut).

खग•ड़ा khagra (Shahabad).

खुखन्सा khukhsa (general).

बोभी khobhi, (South-East Tirhut, Gaya, and Champaran).

गञ्जनी garni (north-west).

गँड़न्डर ganrhar (Shahabad, Gaya, and South Munger), गड़ियार gariyār (west), गँड़ेर ganrer (Gaya), गाँड्र gānrar (Patna), गड़ार garār (south-east), गड़न्डक्का garharna or गंड़ेरी ganreri (north).

गङ्ग्हरचा yarharua, गङ्गार yarar, गङ्गिर yariyar, गँड़ेर ganrer, .गँड़ेरी yanreri,—800 गँड्न्डर ganrhar.

गदन्पँद्रीचा gadpanroa, गदन्पद्रोड़ा gadpirora, गदन्परना gadpurna, —see गधन्परन्ना gadhpurna.

गधन्त्रस्ना gadhpurna (West Tirhut and Champaran), गदन्त्रस्ना gadpurna (Shahabad), गदन्पेड्रीचा gadpauroa (Patna and Gaya), गदन्पिड्रीड्रा gapinrora (South Munger), प्रस्नस्वो purnuo (South Bhagalpur) (Boerhaavia procumbens).

गाँड्र gānrar,—seo गँड्न्डर ganrhar.

गुजरा gunjera (South-West Shahabad).

गोधन्ता godhna (East Tirhut).

चकोडा chakora,—see तिनन्पतिया tinputiya.

चरी chari,—see चोराँड chorant.

TTT chāra, branches of trees, especially of the pipar (ficus religiosa) or of the bar (ficus Indica) given as fodder to clephants.

चिक-नी chikni (South-West Shahabad and Gaya).

विषादोर chichhor,—see विचोरी chichori.

चिचारी chichori (Tirhut), also चिचार chichor (north and Gaya), चिच-होर chichhor (east) or चिचारो chichoro (South Bhagalpur and Tirhut) and जॅंड्र lenraï (north-west).

चिन-वा chinwa (East Tirhut).

चंच chench (west), गड़ाँकी garaunchhi (Champāran and Patna), चराँची sāraunchi (Gaya and South Bhagalpur), सराहची sarhanchi (Gaya and South Munger) (various species of Achyranthus).

चोराँड chorānt (Gaya and South-West Shahabad), परी chari (west generally), चोराँडा chorānta (Patna), खुड़गुड़ो jurguro South Bhagalpur), and खुगड़ा jugra (South Munger).

जनराइ jakerāi,—see जीनेराइ jaukerāi.

जिनन्वर jinwan (west) or भीरो jhiro (East Tirhut).

जूर jūr (South-West Shahabad).

जुगन्ड़ा jugra, जुड़न्गुड़ो jurguro, - see चोराँट charant.

जोब job (Tirhut, Gaya, and west generally).

जी केराइ jau kerāi (generally); जकराइ jakerāi (south-east). See § 959.

भवधा jharua,—see भार jhār.

নাৰ jhār (Tirhut and Gaya), সক্ষা jharua (Sāran and Patna), a kind of brushwood growing on wells, &c.

भीरो jhīro,—see जिनन्याँ jinwān.

डिया tharhiya (Shahabad and East Tirhut).

ভাँगर dängar (Patna and Champaran), a species of Indian corn which bears no cobs.

डामी dābhi (north of Ganges, Gaya, and Shahabad).

डेड़ चा derhua (South Tirhut).

तितन्त्री titli (Gaya and west), तेनारी tetari (Tirhut), तेनार tetar (East Tirhut).

तितोइ titoi (Gaya and South Munger).

तिन-पतिया tinpati,a (south and west) and चकोड़ा chakora (Gaya south-east).

नेतार tetar, नेतारी tetari,—seo तितन्ती tilli.

दुधिया dudhiya, a kind of wort. It is very poisonous.

द्व dūb or दूभ dūbh, also south of the Ganges दुशी dubbhi (cynodon dactylon).

अकरा dhakra (Tirhut and Champaran).

धिमोद dhimoi (Gaya and west), बिमोद chhimoi (South Munger).

नरन्या narcha (Gaya).

बरन्जों क narjonk,—see खरन्डी larhi.

नवचा narua,—see पोचार poar.

नरे narai, नार nar, नेवारी newari,—see भार lar.

पतन्सार patlar (Champaran).

पपन्रा papra,—see पिपन्रा pipra.

पर्चौता pasaunta,—see बर्चौता basaunta.

पिपन्रा pipra (South-East Tirhut, Patna, Gaya, and South Munger), पपन्रा papra (South-West Shahabad), and पुपन्रा pupra (Champāran and South Bhagalpur).

प्रपन्ता pupra,—see पिपन्ता pipra.

पुरन्नवो purnwo,—see मधनपुरन्ना gadhpurna.

पोचार poar (south), पोरा pora (West Tirhut), नवचा narua (South Bhagalpur), straw which has been trampled in the threshing-floor.

फरन्का pharka (South-East Tirhut)

फ्रांटिया · phutiya (East Tirhut).

फुलेबा phulena (north-west), श्राम तुलन्दी shām tulsi (West Tirhut) or बन तुलन्दी ban tulsi (East Tirhut).

फॅफन्ना phephna (East and South Tirhut).

बन तुचन्ची ban tulsi,—see फ्रुचेना phulena.

बन पोस्ता ban posta (Champaran and Gaya), wild poppy.

बन कराइ ban kerāi (Patna, Gaya, and West).

वसीता basaunta (north of the Ganges), वसन्यक्षा baswanta (Shahabad), or (North-East Tirhut) पर्वोता pasaunta, which grows in Indian corn.

विश्वादी bisārhi (East Tirhut).

बेहियाँ berhiyan,—see बेरी beri.

बेखन्यन belwan, बेखोचा belonha, बेखीधम belaudhan,—see बेखीधा belaundha.

विशेषा belaundha, which grows in rice and millet, found north of the Ganges, in Patna, and South Munger. In Gaya it is विशेषण belaudhan, in Shahabad विशेषण belwan, and in Gaya and South Bhagalpur विशेषण belonha.

बेरी beri (Gaya), बेहियाँ berhiyan (Patna).

भिकार bhilor,—see जनारी ankri.

भूषी bhūsi (north) or भोषा bhosa (Tirhut), chaff.

अंबन्दी bhekhri,—see जनारी ankri.

भोषा motha (north of Ganges, Shahabad, Gaya, and south-east) (cyperus rotunda).

सका के डॉट makaï ke dant (Gaya), Indian corn stalks.

सकरा makra, a grain (north of Ganges, South-West Shahabad, and South Munger) which grows in Indian corn. See § 993.

मण्ड् के नारा mandu ke nāra,—seo मनुषाठी maruāti.

मधी masi (Sāran).

मुटन्मुर mutmur (north of the Ganges), which grows in rice-fields.

सङ्घाटी maruāti (Gaya and South-West Shahabad), मण्डू के नारा mandu ke nāra (Gaya), marua straw.

सुनन्मा munga, सङ्ख्यन sahjan, &c., (hyperanthera moringa), see यसैन saiyan in § 1074. It is very plentiful at Gaya, hence the proverb—

सुनन्ता, मच्चर, मोखन्तार, मालन्जादी, दे चौरा चे सादबन्ताञ्च की खाबादी,

Munga, machchlar, mokhtär, māljādī, ī chāro señ Sāhabganj kī ābādi.
—Munga, mosquitoes, attorneys, and courtezans, these four make up the population of Sāhabganj (i.e., outer Gaya).

मनन्मन munmun (north-west).

सुरन्का murka (north), found in wheat and barley.

मुरेना murena (west).

रटन्नी ratni (East Tirhut).

राडन rātan,—see राही rārhi.

राजी rāri (north of Ganges).

राही rārhi (Shahabad, Patna, and Gaya, and South Munger), राटन rātan (South Bhagalpur).

सपन्टा lapta (Gayo and west.)

खरन्जोंका larjonka,—see खरन्दी larhi.

बरन्दी larhi (Patna), नरन्जींक narjonk (South Munger), लरन्जींका larjonka (South Bhagalpur).

चार lar or नार nar, also नरे narai (South-West Shahabad), and नेनारी newari (Patna and Gaya), untrampled straw.

चंद्र lenrai (Gaya and west) or (North Tirhut) कोहिना korhila, found in rice-fields. The same as विचोरी chichori.

श्राम तुस्तन्त्री shām tulsi,—see फ्रुवेना phulena.

चाँदें sāñiñ (Gaya and Shahabad) or चामी sāmi (North-East Tirhut).

चामा sāma (Tirhut),—see § 989.

सामी sāmi,—see साँद sāñiñ.

ซา้ตรั sanwan, (Gaya, South-West Shahabad, and South Munger).

विश्वोर sihor or विश्वोद्धा sihora (Champaran and Tirhut)

सुचरा suara,—see सुरन्बरिया surbariya.

सरन्वरिया surbariya (Patna and Gaya), स्रान्वर surbar (Gaya and Shahabad), स्थार suara (Gaya and Shahabad), सरन्वारी surwari (north), found in millet.

सर्जार surbar, सर्जारी survari,—see सर्जिरचा surbariya.

सेदी serhi (South-West Shahabad).

इहा hara,—see इड्डा hadda.

হয় hadda (north of Ganges) or (East Tirhut) হয় hara, হারা hāra, (Gaya and South-West Shahabad), which grows in millet (euphorbia hirta). Cf. also § 1075.

चथन्वे hathbai (East Tirhut).

इरौती harauti (South-East Tirhut).

चाड़ा hāra,—see च्डा hadda.

#### DIVISION VIII.

# LABOUR ADVANCES, WAGES, AND PERQUISITES.

# CHAPTER I.-PAY AND ADVANCES TO LABOURERS.

1184. A labourer generally is Hat majur, also in Tirhut and the south-east जन jan. Another very general word is बनिषार banihar. In East Tirhut a कमरिया kamariya (i.e., he who wears a blanket) means a labouring man generally. In Patna, Gaya, and South Munger he is also कमियाँ kamiyān. In Tirhut चाकर chākar is a paid servant, as opposed to after bahiya and extents charwah, which mean an unpaid servant. A day-labourer is in South-East Tirhut Tower rojha; elsewhere he is मजूर majūr or जन jan, as above. A servant engaged by the year is at nokur north of the Ganges, and also scars harwah (literally, a ploughman) in Tirhut. Forced labour is बेगारी begari, and a forced labourer is बेगार begar, or in Gaya चाकिस इकामी hākim hukmi. In East Tirhut जिर्जिस jiratiha is a labourer who receives land rent-free and works for his master without remuneration in the agricultural season. In the north-west the पारीवासा pārīwāla sometimes works for his master and sometimes for himself. In Tirhut ware khawas means a male house-servant, Hindu or Musalman. A proverb which alludes to him is चोरक सङ्ग चौर, पहरक सङ्ग खवास. chorak sang chor, paharuk sang khawas,-with other thieves he is a thief, but in the presence of the watchman he is simply a servant.

1185. A labourer's pay is मजूरी majūri, or to the east पजूरा ajūra. When paid in kind it is बन ban or बनि bani, also बोनि bani in North-East Tirhut. When paid daily it is also called रोज roj or (in Patna, Gaya, and South Munger) रोजीना rojīna. In Champaran it is रोजन्बची rojbandhi. Monthly wages is दरमादा darmāha, also महिन्ना mahinna when it is a fixed sum, and महिन्नारी mahinwāri when it means the average income of the month. Yearly wages is चालियाना sāliyāna or पाणीना sālīna. In the north-west it is also पाणीना salīna, and in

North-East Tirhut ৰাজনী barkhi. In Saran and North-West Tirhut নৰী mani is an allowance of grain made to a servant in lieu of pay. In South Munger it is কাব্যনা korāna.

1186. Advances of pay to labourers are पाजिल phājil or प्रान्द agwar in the north-west. In East Tirhut they are जनीर janaur, in West Tirhut पाने हो agauri, and in South-East Tirhut also प्रान्द agāür. In Shahabad they are प्रान्दन agwan, in Patna प्रान्द agār, in South Munger प्रान्दि agauri, and in South Bhagalpur प्रान्दि agraur. In Gaya they are कमियोटी kamiyauti. इरावर harwar in the west, and प्रान्दि harauri in South-West Shahabad and Tirhut (or in East Tirhut optionally प्रान्द haraur), is an advance of grain or money or a piece of land given to a ploughman when he is engaged. In the southeast it is प्रान्दि harwāhi, in Patna किमचेट kamiaī, and in Gaya किमचेटी kamiyauti.

# CHAPTER II.-ADVANCES TO TENANTS.

- 1187. Advances are generally तगावी tagāwi or करन्जा karja. The following special names are also used:—
- 1188. Advances to buy food.—These are উত্তৰ khaihan to the west and in Patna and Gaya. In Tirhut they are called ৰনিহীতা baniyanta, and when in cash কংলা karja. In Patna and Gaya they are তাত্তিৰ kharihan.
- 1189. Advances to buy seed.—These are विश्वहन biahan in East Tirhut, and बीइन bihan in Patna and Gaya. In Shahabad they are बीया बँगा biya benga or बीया बाल biya bāl.
- 1190 Advances for purchase of cattle and sinking wells.—These are तगावी tagāwi or करजा karja south of the Ganges. In East Tirhut पश्चाना adhlāwa, and in West Tirhut पश्चाना adhlāppa, is the advance made to a tenant for the purchase of cattle. The lender receives back the amount of the advance and half of the profit derived from the cattle.
- 1191. Advances for marriage expenses.—These are कर-जैन karjain in Patna.
- 1192. In Champāran दिश्वकी dahrhakki is a remission made by the landlord to a lesseo. In South-East Tirhut similar terms are कुटःतः chhutti (used also in Patna and Gaya) and चातिर khātir. In West

Tirhut and Champāran when fallow land is given to a cultivator for a quarter rent or rentfree for the first year, the custom is called खिकाची khilhi. So also in South-East Tirhut it is चारा वास āsa chās, and in Shahabad खीज बारी khil māri. See also §§ 912 and 913.

## CHAPTER III.—DUES PAID BY TENANTS.

1193. These are principally the cesses paid to the resident artisans and other non-cultivating residents in the village, who are known as पवनी pawani, पौनी pawni, or पौनिया pawniya. In East Tirhut they are पवनी पसारी pawani pasāri.

1194. The carpenter (बड़न्दी barhi) and blacksmith (लोसार lohār), who are generally the same person, get a fee from the member of a marriage procession who gets any work done by him. This is known as fasta birit in South Munger, and as वियास दानी biyāh dāni in South Bhagalpur. Elsewhere it is simply द्वास inām or बकरीम्स baksis. His remuneration for the repairs of instruments is कटा katha in Saran, जीरा jaura in Champaran, and पांच pāl in Tirhut. In Shahabad it is कमाइ kamāï, and so also in East Tirhut. In South-East Tirhut it is also with bhāmwar, and in South Munger it is कमेनी kamaini. When he is paid at so much paddy per plough, it is called, according to the amount, with bojha in Saran, Patna, Gaya, and the south-east, आँटिया antiya or पाँजा pānja in Champāran, and पंजीर panjaur in North-East Tirhut. Another of his perquisites received at the time of sowing is called चन्नर anjur in Shahabad and अंजुरी anjuri in Gaya. He receives a further remuneration for keeping the cane-mill in order. This is पचन्दावन pachrawan or भाँवर bhamwar in Shahabad, कोल्ह-कड kollhkarh in l'atna, कोल्हन्कर kolhkar in South Munger, and कोल्हन्पचन्दानी kolhpachrāni in South Bhagalpur. In Saran he gets two rupees for each mill, and his remuneration is called size khan. For repairing other implements he gets in Sāran पानी sāli, and a similar cess in Champaran and Tirhut is known as escent kharihani. In South Bhagalpur भौरी bhaunri is the general term wed for his perquisites. In North-West Tirhut win khāu, and in North-East Tirhut खन khan or कमाइ kamāi (which means wages for any work done), are the wages for making a new mill. The grain actually given is stall dali, and amounts to from 10 to 30 sers. The fee for repair is fan-sel bighati, and is 4 annas per bigha for altesa

- morhan or first cuttings, and 2 annas per bigha for that i or second cuttings of the cane.
- 1195. The weaver's perquisite.—This is in North-West Tirhut बानी bāni, and elsewhere बाना bāna.
- 1196. The shoe-maker's (चमार chamār) perquisite.—This is भाँवर bhāmwar to the west. In Gaya and Shahabad, however, it is खरिचानी kharihāni. It is पाछ pāl in Champāran and Tirhut, also बमार kamāi and पँजीरा panjaura in North-East Tirhut. In the South-East it is पाँजा pānja or बोका bojha, and in Patna and Gaya बँगानी mangni. वियोग biyaua to the west and दन dat to the east is the fee given to his wife for service as a midwife.
- 1197. The sweeper's (निष्कार mihtar) perquisite.—This also is खिर्चानी kharihāni or कमार kamāi in Shahabad. In the south-east it is a sweeper's and not the shoe-maker's wife who officiates as midwife. A sweeper in the south-east is चाड़ी hāri, and his wife is चाड़िन hārin. The fee paid her for her services is दन dat or दस भोजनी dat bhojni.
- 1198. The perquisites of the village accountant (परन्वारी patwāri) are many and various. In Patna and Gaya if the tenant's lands are नगरदी nagdi he gets in Patna 2½ sers per bigha, and in Gaya 12½ sers per plough. This is called साँगन mangan, and is his recognised salary. He also gets a fee of one pice in the rupee per annum for answering a raiyat's inquiries about his rent. This is called अञ्चलाना hujtāna. If the land is भावन्ती bhāoli, he gets in the same district, in addition to the above, नौंचा noncha (also in Shahabad नोचिया nochiya) or "pluckings," which amount to tth of a ser per maund. A similar fee is called बसन्तर balkat in Saran. In Shahabad a village accountant gets in the case of नगर्दी nagdi lands a perquisite of 1 an anna in the rupee, called टकडी takahi. In the case of भावानी bhāwli rents he gets 1/2 a ser or a ser per maund, the first being called with aseri, and the second सेरी seri or चेरची serhi. In the case of a general clearance of rents he gets a present of 8 annas or a rupee, called फरकतियावन pharkatyawan. In Tirhut this item is called फरकाना pharkana or फरिकाम pharikana. In South Munger lands are principally नगरदी nagdi, and the village accountant is a servant of the landlord and is paid by him, and gets nothing from the tenants. His pay is as follows. In the case of नगन्दी nagdi tenures he gets a माँगन mangan of 5 sers per bigha. When the land is भावन्त्री bhāoli he gets 21

sers per maund, and his pay is called दिष्यक माँगन dahiak mangan. He also gets a परन्कामा pharkana of one pice per rupee in the case of a clearance of accounts. In South Bhagalpur the tenant gives the accountant a नेग neg of 3½ sers per maund. In most districts he charges a pice for every rupee for which he grants a receipt. This is called generally रिषदामा rasidāna or रिषदामन rasidāwan, also कम्मामा kabjāna in East Tirhut. चोनी खेलाइ holi khelāi or फगुमाची phaguāhi, दोचान प्रमाद doāt pnjāi, and दुरना प्रमाद durga pnjāi, are cesses levied by the accountant on the three main Kāyasth festivals of the Hindu year. The above are the usual amounts of his fees, but many of them vary from village to village.

- 1199. Perquisites of the weighman.—See § 914.
- 1200. The village watchman (गोइत gorait, कोनःवास koiwāl, or (when a Government servant) चौकीदार chaukīdār) is sometimes paid by a grant of rent-free land (जागीर jāgīr), and hence he is called in South Munger जागीरव्दार jāgīrdār. When otherwise paid, his remuneration is called generally south of the Ganges चौकीदारी chaukīdāri. In the north-west it is खिरदानी kharihāni, in North-East Tirhut गोइतक मूठ goraitak mūth, and in South-East Tirhut गोइतो goraiti. In Patna and Gaya he is sometimes paid in kind, and his fee is then called परिस्ताना phasilāna, and in Gaya also नौदा noncha.
- 1201. The perquisites of the landlord.—In addition to his rent, the following customary cesses may be noted: - गोचाम yoam in Patna, Gaya. and South Munger, बन्ह-देशा banhwaiya in South-West Shahabad, and गोदार gohār generally, are personal services rendered to the landlord by the tenants en masse. इक्सन hukumat or फरन्माइस pharmāis are occasional demands of service or produce for special purposes. This in South Munger is called मदन madat, and in South Bhagalpur रकन्मेनी hakmaiti. His perquisite of milk from his tenants' cows is in South-West Shahabad 3314 duhão. Cesses paid on special occasions are generally called सन्तामी salāmi, but there are frequently special names. E.g., when a tenant's daughter is married, the landlord gets a fee called वियासन्दानी hiyāhdāhi, पादियात sādiyāt, सदिवात sadiyāt, or ufaujai sadiyāna. In North-East Tirhut this is usually one rupee four annas at a girl's marriage, and ten annas at a boy's marriage, which is realised from every one except Brähmans, Kavasths. Rajputs, and Musalmans. In South-West Shahabad it is संद्रवञ्च In Tirhut and the east भिंगान dhingan is a fee paid mañrwanch.

on the marriage of a daughter for the second time, and with all bhoini is paid on the marriage for the first time of a boy or girl. The former cess is paid in eash, but the latter in kind; e.g. in rice, pulse. or clarified butter. For other cesses paid by cowherds, see § 1151. The help given by the tenant in ploughing the landlord's lands is with hari to the north and the west generally. To the east it is where harihar, परिचरा harihara, and परिचरी harihari. Local names are चँगाचा sangāha in North East Tirhut, TTT harāi in Shahabad and South-West Tirhut. and word harāhi in Patna and Gaya. The presents given to the landlord when he visits the village are चढामी salāmi or (in Shahabad) नजन्राना najrāna. His fee when a house is built or sold is sits chauth generally north of the Ganges, and also in East Tirhut जर चौड jar chauth. In towns in Patna and South Munger it is चौचेया chauthaiya, and elsewhere simply vaith salami. He collects cesses in the nature of a ground-rent from the resident artisans and traders in the village. These are called मोतरन्मा motarpha or मोतन्हरन्मा motharpha generally, कोडियारी kothiyāri in Champaran and Tirhut generally, and बतुदी basurhi in East Tirhut. South of the Ganges they are दुवनी duanni, or (to the east) agua abuāb. In Patna and Gaya the former name represents a cess of the following description. 15 mans of grain, or thereabouts (according to village custom) is assumed (when rent is paid in kind) as the produce of one bigha. For each bigha (or 15 mans) thus calculated of the tenant's share of the crop, the landlord takes a cess of 2 anas. In the case of lands paying cash rates, the cess is levied at from 2 anas to 9 pice on each bigha of land held by the tenant. TT pur is a fee of one rupee per loom paid by weavers. South Munger परचा charsa is a cess paid by tanners. In North-East Tirhut नेयाची keyāli or नियाची kiyāli (also बरन्दाना bardāna in Patna) is (or was) a transit-duty levied on cartmen for every load of grain they took. Sometimes it was levied at every place where they halted for the night. In the same tract the same name is also used for a tax levied on grain-sellers' weights. is called कौड़ी kauri in the north-west, and मल्लिकाइ चुटन्की malikai chutki in South-East Tirhut. In Shahabad it is वयाद bayai. In Gaya it is किराया kirāya, and the corn paid is माँगन्नी māngni. In the southeast तश्वन्जारी tahabjāri or तबन्जारी tabjāri is a similar tax levied on shopkeepers.

1202. Rents are generally calculated in the old sicca rupees of Akbar, which are converted into current coin by adding exchange rates,

called **TRY ARE** batta māl and **TRY ARE** batta kampani. The batta māl is added direct to the rent in sicca rupees, and denotes the exchange rate between them and the Murshidābādi coin introduced in the year 1773. In 1835 the introduction of the Company's rupee,  $1_{75}$  of which equalled  $\frac{1}{15}$  of the Murshidābādi rupee, led to the imposition of a further rate of exchange, called batta kampani, which is calculated on and added to the rent calculated in sicca rupees plus the batta māl. Each of these rates of exchange is generally less than one arma per rupee.

1203. Dues given for religious purposes. - The first fruits given to Brahmans are विद्यन पिरित bisun pirit, and also (north of the Ganges) विस्तन चन्स bisun ans. To the west they are चौगँ के angain or चौगींचाँ angauñāñ. On the other hand first fruits set apart for house-gods (भूमि ग्रनेस bhumi ganes) or penates are अगेर agaun, or (in Shahabad) बगुन्दर agbar, and (in Champaran) रहचड़ rasuar. In South Munger three small heaps (see kuddi) are put aside on the threshing-floor. One is given to the Brahmans, and is called विश्वन पिरित bisun pirit ; the second is given to the Torre mushar of the village, who is known as देश्वरी dehuri, and is called सहार sahar; and the third, called चर्नी again. is set apart for the house-gods, and is consumed by the cultivator himself. In South-West Shahabad a small heap of grain is put aside for the village god (feverate dihaar). This is given to the village milkman (ग्रेंचार goār), who performs the worship of the god, and it is called fusit pithar. In South Munger बहुन्देश bahraiya, and generally बेहारी behri or बहरिया bahariya (all of which mean simply a subscription), are names for the subscription for the expenses of village worship. and दिश्विक dahiak is a similar cess of 12, and मुदेश sawaiya of 11. seers per maund. The grain set aside for beggars (walk phakir) are known as भिका bhichchha or भीख bhikh amongst Hindus, and रसली rasuli or फिलाराना phakirāna amongst Musalmans. The सिंव अन्स sib ans is the portion set aside for religious mendicants (सन्यामी sanyāsi).

1204. Miscellaneous.— प्रतिवा puraunta is the fee paid by the members of a marriage procession to any person who does any work for them. In North-West Shahabad 10 sers per plough are taken each by the washerman (धोबी dhobi) and the blacksmith (जीबार lohār). This is called जोरा jaura. In the same place खरवन kharwan is an armful of crop given to each of the following:—the blacksmith, the carpenter (बढ़व्ही barhi), the barber (जीबा naua), and the washerman; and the किना kera is a smaller bundle of crop given to each of the same four.

Again पूरी pāri is three handfuls of crop given to the same four. In West Tirhut a similar cess is called पास परेरी pāl paseri.

1205. In Shahabad, and also in South Bhagalpur, and ban is an allowance of one maund in twenty-one or twenty-five of crop given to the agricultural labourer. In South-West Shahabad the cowherd receives a certain share of the milk of the cows he grazes, which is called art bara. In South Munger this is util paraundha, and in South Bhagalpur परोधो parodho. Similarly पटन्यारा athwara (i.e. paid every eighth day) in Saran, पार par in North Tirhut, भाँक bhānj in West Tirhut, and पारा pāra or दुविया duhiya in South Tirhut, is the milk given to the milkman as a fee for milking cows. charwahi is a fee paid to the herdsman for herding. It is also चराद charāi in Shahabad. चलामी salāmi or कमरन्योजाद hamarkholāi is the term applied to the presents made to or demanded by a police-officer or Government peon on entering a village, and the same terms are also applied to the presents made by the local police to the menial servants of magistrates and other high Government officials when in camp in their own district. In West Tirhut they are also called दनाम inam.

# DIVISION IX.

# LAND TENURES.

# CHAPTER L-TENURES.

1206. The descriptions contained in this division do not pretend to be legal definitions of the tenures referred to. On the contrary, they are only to be taken as giving the popular ideas (always more or less indefinite) current among the villagers as to the nature of the tenures.

Land tenures may be divided into-

- (1) Proprietary tenures.
- (2) Tenures intermediate between proprietary and cultivating ones.
- (3) Cultivating tenures.

# CHAPTER II.-PROPRIETARY TENURES.

1207. (1) Revenue-paying tenures.—These are known everywhere as जिमिदारी jimidāri. A very large landlord is, however, called a नालकादार tālukādār, and his tenure नाल्यादारी tālukādāri. This is the popular distinction in Bihar between the two names. Both tenures can be held in common and can be divided. When, in popular phraseology, it is wished to name a tenure which cannot be held in severalty, but is owned by one heir, the other heirs being given villages or parganas on which to subsist, it is called a राज rāj. In a जिमिदारी jimidāri (or नाल्बादारी tālukādāri) tenure the whole land is held and managed in common. The property itself is called जिमिदारी jimidari, or मिल-कियत milkiyat if it is small, and नाजुका tāluka if it is large. The rents with all other profits from the estate are thrown into a common stock. and after making the deductions to be noted further on the balance is divided among the proprietors according to a fixed law or share. The deductions are the Government revenue and other expenses. The Government revenue is generally माल-गुजारी mālqujāri or मसन्युजारी malyujāri, also साट lāt and रोस rol in Tirhut and to the east, and water khajāna in North-East Tirhut. In Patna

and Gaya it is also known as कलटारी kalatri. The other expenses are known as गाउँ खरान gaiñ kharch generally, also गाँव के खरान gānw ge kharch or गवेंगाँ खरान gawaiñyāñ kharch in Tirhut. In South-West Tirhut they are also मानीना खरान sālīna kharch. In Gaya (and East Tirhut optionally) they are देशी खरान dehi kharch, in Patna प्रखराजान ekhrājāt, and in South Munger गरानी खरान garhi kharcha. In South Bhagalpur they are बन्हा खराना bank-khārcha, which properly means embankment expenses.

- 1208. A landlord is जिमिदार jimudār or माजिक mālik; also sometimes सरकार sarkār. Local names are गाँव के डाकुर gāñw ke thākur in South-West Shahabad, and गाँचाँ ganñāñ generally in that district. When the tenure is held in joint property, the shareholders are called चिसेदार hissedār, &c., see § 1214. The Government revenue is paid in by one of the body, called जमरदार lamardār in Sāran and मोखनार mokhtār in Tirhut and Patna. In Shahabad he is जमरदार lambardār. He is also known generally as तद्वाचार tahsildār, कारपरदाज kārpardāj, or मोखितयार mokhtiyār. In North-East Tirhut he is also known as दिपद्दार tipdār. The inferior proprietors are known as खुरुद्दा माजिक khurdīha mālik north of Ganges, while south of the Ganges they are खुरुद्दा माजिक khurdīha mālik. In Patna they are known as जुज्जे चिस्टार jujwi hissedār.
- 1209. (2) Free grants.—These are known generally as बिरित birit, and the holder as बिरितचा biritiha or बिरितन्दार biritdār. These are general terms, and amongst them may be mentioned the following:—
  - (a) Granted for religious purposes.—These are known generally as सङ्ख्य sankalp, and are of different varieties, such as बरन्मोनर barmotar, for the worship of Brahma; बिग्रन श्रीन bishun prit or बिग्रन घरणन bishun arpan, for the worship of Vishnu; चिन्नोनर sibotar, for the worship of Siva; किग्रन घरणन kishan arpan, for the worship of Krishna, and so on.
  - (b) जागीर jāgir, जाखाराज lākhrāj (rentfree), माफी māphi, सिनाई minhai (at reduced rent), or विश्वत khillat. These are properly grants for warlike services. They are also (especially जागीर jāgīr) applied to the free grants of land for services made to the potter (कुनार kumhār), watchman (गोईत yorait), and other village servants.

- (c) A grant given to the family of a man killed in the Rājā's service in open fight. This is भरन्वट marwat in the west, and मरीटी marauti to the east.
- (d) A विदित birit may be either acquired by purchase, when it is known as खरिंद्रानी kharidyi, or it may be given by favour, when it is called दनाम inām or दनामान ināmāt.

  Local names in such a case are खेरान khairāt in Shahabad, and खुभन्दनन khusbakat in South Bhagalpur.
- (e) खोरिस khorish or सोकरी mokri (north of the Ganges), also पासक pālak (Sāran), other local names being खोराकी khorāki or परन्तसनी parwasti (South-East Tirhut) and खानरान khāndān (North-East Tirhut). This is an assignment by a rāja to a younger son or brother of a certain number of villages in the estate for subsistence for himself and his descendants for ever. On failure of descendants the grant reverts to the parent estate. This occurs in the case of a rāj which cannot be divided.

#### CHAPTER III.-INTERMEDIATE TENURE.

- 1210. The principal intermediate tenure is that known as डोनेट्रारो thikedāri, in which the holder (डोनेट्रार thikedār) contracts to hold the property at a fixed rental either for a certain term of years or until a sum of money (जर समन jar saman) advanced on usufructuary mortgage is repaid. In the former case it is also called खुशन्ती डोका khushki thika, and in the latter पतीतन patautan in Shahabad, पटौँचाँ patauñān in the North-West and Tirhut, and generally सभौचा पटौँचा sadhaua pataua. A mortgage lease is रजारा ijāra or जर पेशनी डोका jar peshgi thīka. See § 1487.
- 1211. Among other intermediate tenures may be noticed the पत्तःनी patni tenures, which form the subject of special laws. They may be briefly discribed as estates created by a landlord by separating a portion of his estate and letting it in perpetuity at a fixed rent. Subdivisions of these tenures let on the same principle are called द्राप्तानी darpatni, and these last are sometimes again allotted into smaller portions, called चीपतानी sipatni. The holder of patni lands is called a पतानीदार patnidār.

- 1212. A tenure which may be either intermediate or cultivating, and which may be noticed here, is मोकरी mokarari, or tenure in perpetuity at a fixed rent. In some parts of the country these are also popularly known as रिकन्मी sikmi tenures, which usually mean under-tenures held by a cultivating raiyat.
- 1213. In Champāran चिक्रमी sikmi tenures are described as dependent proprietory taluks paying land revenue through the landlord who is responsible for it, and not into the Government Treasury direct. Concerning चिक्रमी sikmi rents in Gaya, see §§ 1225, 1226.

### CHAPTER IV.—SHARES AND SHARERS.

1214. A share in a village is रिसा hissa and also (in Tirhut and the west) बखन्दा bakhra. The subdivision of a village held by a proprietary body is known as पही patti or तखन्ता takhta, also धोक thok north of the Ganges and wis phat in Gaya. A shareholder is िचसीदार hissedar or परिकन्दार sarikdar; also बखरन्दार bakhardar to the west, परिदार patidar in Tirhut. The proprietor of a half share is called अधिया adhiya north of the Ganges, and आध्याध adheadh in South-West Shahabad. The inferior shareholders are called खरादिश khurdiha, &c., as described in Chapter II. पही patti is also used to mean the principal share in a village, which may contain several funeral sikmi or subordinate shares. The shares of a brotherhood are भेगाँड bhaibant generally, or in Patna and South Munger भैया बाँड bhaiya bant. In the west they are also भैवध bhaiwadh. A father's share is aund bapans, also aund baphans in Saran, autel bapauti in North-East Tirhut, and siel jaddi in West Tirhut. An elder brother's share (which according to popular belief was larger than the share of the younger brothers before the institution of the English law-courts) is जटन jethans, also जटाइन iethhans in Saran, and in North-East Tirhut जारीती (not जारीरी) acthauti. The Government revenue is मासन्युकारी mālgujāri, &c., as described in Chapter II. The half-yearly instalment is known as चित्रकर adhkhar or अधन्तर adhkar north of the Ganges, also as चडनिया athaniya or wash athanni generally. In South Bhagalpur it is www.as विश्व adhkar kist. The distribution of the revenue over the sharers in villages held by a brotherhood is in South-West Shahabad we bher. Elsewhere a periphrasis is used, such as दिसा परिदारी hissa patidari.

A proprietor by purchase is खरिदार kharidār, and also (north of the Ganges) बेदार baidār.

#### CHAPTER V.—CULTIVATING TENURES.

- 1215. A cultivator is known as प्रामी asāmi, रेयस raiyat, परन्मा parja, or कास-कार kāstkār. In Patna he is also पोतेदार potedar. A tenant with rights of occupancy is मौद्द्यी maurūsi (literally, hereditary) or कदोमी kadimi (ancient), also देशी dehi (resident) in Patna and Gaya, and जदन्दी jaddi (ancestral) in Shahabad. A tenant at fixed rates is र्यमन्दारी istamrāri, but this distinction is little observed. Hardly any cultivators, and very few landlords, know the difference between a tenant at fixed rates and one with a right of occupancy. A cultivator without rights of occupancy is known as कर मोद्दारी gair maurūsi, also as पाही pāhi (literally, 'foreign' or 'non resident') in Patna and Gaya, and खरिदानी kharidgi (literally, acquiring by purchase) in Shahabad. In North-East Tirhut he is दाल उपारक्ति hāl upārjit (newly created). These names are interesting as showing what cultivators themselves consider to constitute a non-occupancy tenant.
- 1216. In Shahabad, especially along the south bank of the Ganges, there is a class of tenants called yeneral gudashtādār or yeneral gudashtādār. They are generally Rajpūts and Brāhmans whose ancestors conquered the country, and who, while serving under the landlords, for whom they were always ready to fight, were considered entitled to a privileged position. A yener gudashta or yener gudashta tenure is held at a rent fixed for ever,* and is alienable without the consent of the landlord. It is, in fact, a freehold subject to a rent charge. The holders seldom sublet, and are a body of peasant proprietors, very prosperous as compared with other tenants, and furnishing thousands of recruits to the army. Another similar tenure is known as are gora. In this the rent is fixed for ever in a holding with specified boundaries, without reference to the quantity of land. The rent is not variable even if the land be found to be more or less than the quantity roughly estimated at the original settlement. It is alienable without consent of the landlord.
- 1217. In some estates there is a kind of head tenant, who acts as an intermediary between the proprietor and the cultivator. He collects the rents and receives in return some petty privileges and immunities. He is known generally as avait mahton, and in

^{*} This point of fixed rents is denied by some landlords.

Patna and Gaya as Hernique mahtoara. In Saran he is also known as दिपन्दार tipdar, in North-East Tirhut as मोखदम mokadam, and in South Bhagalpur मॅंडर mañrar. Generally, however, the head tenant is called कंटर्यम jethraiyat, and he usually performs the The high-caste cultivators are known as wester above duties. asrāph, local names being सरका surpha in Patna, सरकान surphan in Gaya, and बढ़ घटनी bar admi north of the Ganges. In South Bhagalpur, the quarter of the village where such live is called against babutola. The remission of rent for such high-class tenants is with maphi generally north of the Ganges, also कुटन्ती chhuti or कमन्यरे kamsare in East Tirhut. In South-West Shahabad and Gaya and South Munger it is रेकाएन react, in the rest of Shahabad मरीयती marauati, in Patna कमी kami, दनाम inam, or इन्हाम ilam, and in South Bhagalpur माफ maph. The low-easte tenants are known as राइ जाति rār jati, नीच nīch, or बोड स्रोग chhot log. They are also known as रजीस rajil in South-West Shahabad, कभीना kamina in the rest of that district, राड़ भोड़ rār bhor in South Bhagalpur, सोलन्तच solkanh in Tirhut, and रैयान raiyan in Gaya. A proverb about them is-

# काण्य किंदु बेर्ल देलें, बरस्तन खियोलें। धान पान पनियोलें, खोराड धाति स्रतियोलें॥

Kāeth kichhu leleñ deleñ, Barahman khiyauleñ. Dhān pān paniyauleñ, au rār jati latiyauleñ.

-A Kāyasth does what you want on payment, a Brāhman on being fed, paddy and betel on being watered, but a low-caste man on being kicked.

1218. Cultivators may also be divided into resident and non-resident. The resident cultivator is अवस्त achhaparband, also दिशो dihi in North-East Tirhut, देशो dehi in Patna and Gaya, and बारो बस bāri bast in the south-east. A non-resident cultivator is पासी कास pāhi kāst or पासी pāhi (foreign), a word frequently confounded with पासे pāi (literally, a foot; hence used to mean an under-tenant). The word पासे pāi has almost fallen out of use now, but it is still understood, and has led to much confusion in laws and tratises on the rent-law, rendering it possible that the rights and liabilities of the under-tenant have been transferred to the non-resident cultivator. In South Bhagalpur the non-resident cultivator is known as पेसार paihār. The रोस्ट dohat or रोस्टा dohta cultivator differs from the पासी pāhi cultivator in that he keeps up two establishments and cultivates in two different villages, while the पासी pāhi cultivator does so only in one.

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1219. Below the ordinary cultivator there is sometimes an under-tenant, who is known as रिकासी sikmi or कुरायोकी kurthauli, also as रेडावाचा petāwāla in the north-west and कोलिएसी प्रथमी koliaiti asāmi in East Tirhut. It is said that to the south-east in the case of a कुरायोजी kurthauli tenure the rent of the under-tenant is fixed at a money rate, but is paid in grain at the market rate of the grain at the time of payment. Elsewhere the rent of under-tenures is generally paid in kind.

#### CHAPTER VI.—RENTS.

- 1220. Rent is जगान lagán. North of the Ganges and in South-East Bihār it is also पोता pota, with an optional variant पोन pot in South-East Tirhut; another name current north of the Ganges is मजन्युजारी malgujāri. Rent rates are दर dar, पर sarc, or पर sarah; also दरम्बरी darbandi or परसम्बरी sarahbandi. चुकीचा chukaua north of the Ganges is rent payable at a fixed rate.
- 1221. Rent paid in cash is known as मान māl, and that paid in kind as एन ain. When rents are paid in cash, the tenure is known as नगर्दी nagdi, and also in East Tirhut as जाप khāp. When paid in kind, it is known as मनन्जप mankhap or भावन्ती bhāoli. In मनन्जप mankhap or मनन्जीका manthāka, इन्हा hunda or मनन्जिया manhunda, the rent is a fixed quantity of grain paid as rent, irrespective of the proportion it bears to the whole crop. This custom is current principally in Tirhut and Champāran. In Patna it is called मनी बन्दोबन mani bandobast, and a variety in which a certain number of maunds of cleaned rice per bigha is taken as rent is known as चौराचा chaurāha. These tenures are principally adopted by landlords when letting their जिरान jirāt or home-farm lands. In भावन्ती bhāoli a certain fixed proportion of the whole crop is taken by the landlord. This division is called वटाइ batāi, &c., and a full description will be found in §§ 902 and ff.
- 1222. A tenure which has been noted in Patna is the variation hastbūdī, derived from the Persian hast, 'is,' and būd, 'was,' and which means literally 'the-is-and-the-was tenure.' In this the rate of rent is fixed at so much per bigha, but rent is only charged for so much area as is actually bearing crops at the time of harvest. Thus, suppose a piece of land measuring one bigha is cultivated, but for some reason

(such as inundation, destruction by insects, &c.) the area of land actually under crops when ready for harvest is found to be 16 kathas, then the rent of four kathas is remitted and the rent for 16 kathas only is demanded. It thus closely resembles the utbandi tenure of Bengal. Compare § 1229.

- 1223. The visual hal hasili tenures also exist in Patna and Gaya. In these the cash rent is determined on the spot after inspection of the existing crops on the land. A very similar tenure is known as agraes balkat. In this the landlord's men, accompanied by the tenant, inspect the crops when ready for harvest, and fix a cash rent by estimating roughly the quantity of produce and its value.
- 1224. A peculiar tenure, which is principally adopted in lands which are generally subject to inundation, is known as satel jaidādi. It is also adopted where the land is extremely bad and the prospect of a crop is uncertain. The principle is that the full rent agreed upon is paid on the land in any year in which any crops whatever (however small) is grown upon it. In any year in which no crop is produced upon it, no rent is paid.
- 1225. The tenures* and rent system in the district of Gaya are worth noting. Four-fifths of the cultivated lands are let on the भावण्यो bhāoli system, as has been described in sections 902 and following. In the lands held on the नगन्दी nagdi system the rent conditions are somewhat peculiar. The nagdi tenure is of two descriptions,—चिकामी sikmi or चिकामी shikmi, and चिकाट chikath or चकट chakath.
- Sen Singh as that under which the landlord has not any power of enhancement, irrespective of the period for which the tenant might have been in possession. The money-rent is not fixed upon the land, but upon the crops actually grown, varying with the nature of the soil and the class of tenants, whether high caste (एउपान surphān) or low caste (एउपान raiyān), the former having a lower rate to pay than the latter. The lands generally under this tenure are the रिक्श्न dihāns lands, or the best land lying on the borders of the inhabited portion of the village (see § 784), and the crop grown thereon pays a higher money rent than the same crops grown on fields

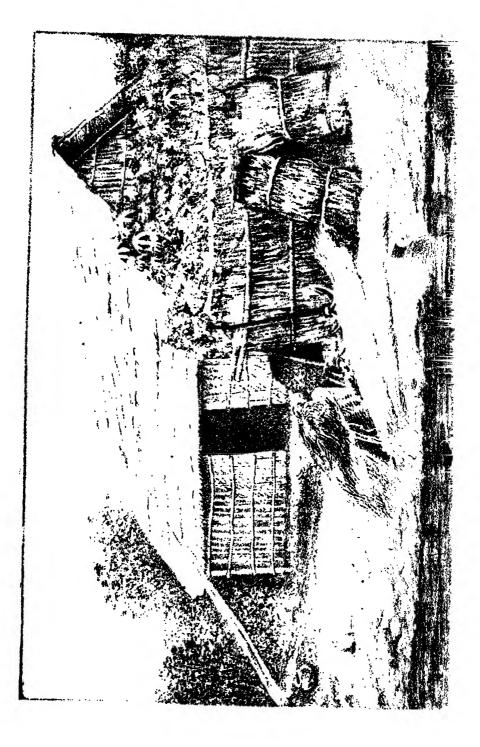
^{*} Concerning the tenures in Gaya, I have to acknowledge my indebtedness to an admirable note prepared by Bābu Bhūp Sen Singh, Government Pleader of that district.

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more distant from the village site. The same shikmi field also pays a rent varying with the crop. Thus if a Brāhman tenant planted it with opium poppy in one year and with an ordinary spring crop next year, he would pay a higher rate of rent the first year than the second; while a low-caste tenant would have to pay for both of them a higher rent than the Brahman. Every tenant in a village has a fixed quantity of shikmi land partly at the higher and partly at the lower crop rate. If the tenant grows opium poppy upon a bhāoli and not a shikmi field. he pays for one harvest bhāoli rent, and is liable also to pay nagdi rent for the poppy at the rate fixed in the village for the particular class of tenants to which he belongs for poppy grown under such circumstances. According, however, to other authorities the rate of rent of these shikmi tenures is unalterable, but an extra rate or cess of so much per bigha is put on when special crops, such as opium or sugar-cane, are grown, and is taken off again when these special crops cease to be grown. Compare § 1231.

- 1227. The चिकड chikath or चक्ड chakath tenure is, according to Bābu Bhūp Sen Singh, a temporary settlement of waste or uncultivated but culturable lands for limited terms of years, at nominal rents, for the purpose of reclaiming them or bringing them under cultivation. This tenure is governed by the terms of the contract between the parties. If one term be not sufficient to render the lands fit for proper cultivation, the settlement is renewed from time to time till they become capable of yielding full crops. They are then settled as bhāoli or shikmi lands, according to their quality. In chikath lands no right of occupancy accrues by custom, and the rent is capable of enhancement on the expiry of the term of the settlement.
- 1228. According to Bābu Bhūp Sen Singh when a summer or sīgut jethua crop is grown on bhāoti land, an additional rate of 20 annas per bigha is charged as rent, the local higha equalling 24 Bengal highas.
- 1229. In South-West Shahabad, when in rice lands, the tenant pays only for the land under rice, and not for any land which may be fallow, the phrase उउनी परनी uthli parti is used. Compare § 1222.
- 1230. A remission of rent on account of deficient produce is with maph north of the Ganges, and also serial chhutti in East Tirhut. South of the Ganges it is ange nābūd, or, when made on account of inundation, near yarki.

- 1231. Special crops, such as tobacco or poppy, on which special money rents are always assessed, are known as अवन्दी jabdi or अपन्ती japti. Cf. § 1226.
- 1232. Of the spontaneous produce of a village, पमन्तर bankar is the produce from forest land, wood, gums, &c. In Shahabad it is also called पन विचासी ban chhioli. जसन्तर jalkar is the produce derived from lakes, streams, &c.; and पसन्तर phalkar is the produce of fruit. िसकार मासी sikār māhi to the west is fishing rights.
- 1233. Fields situated in one village and included in the area of, and belonging to the proprietors of another village, are called দৌৰভাৰী motalke, or (in Nort-bEast Tirhut) নাৰ্যা tāluka.



# DIVISION X.

# THE NATIVE HOUSE.

# CHAPTER I.—THE NATIVE HOUSE.

1234. A house is सकाम makan or घर ghar. Local variants of the latter are निरम्ही girhi in Gaya and Saran, चौर ghaur in South-East Tirhut, घरा ghara in South Munger, and दिश्वी grihi, घरत ghara, or घरो gharo in South Bhagalpur. A name ourrent in Shahabad is auth bakhri. An enclosure containing several houses is north of the Ganges इवेसी haucli or इवेनी habeli, and south of it दाना hata. South of the Ganges and in Saran प्रवेसी haweli or प्रवेसी habeli generally means the female apartments. A palace is edited dhaurahar or united dharhar, as in the proverb सती खड तर, सपन्नार धरन्हर sati khar tur sapnai dharhar .he sleeps on grass and dreams of palaces. A hut is HTTV-ST ihomma or भौपादी ikompri, क्षीप khomp, खाँपादा khompra, खाँपादी khompri, or पनानी palāni. कृटी kūti or कुडी kutti is the hut of a religious mendicant ( फ्रकोर phakir). Other names used north of the Ganges are मड math generally, and माउया mathiya to the west, अख्य asthal to the north-east, and जगह jagah or चल-रहा akhraha to the south-east. मरे marai, मंडई mañrai, or मर्द marai, is a grass hut, and माँडो manro. &c., (see section 1307) is the hut in which a marriage ceremony is conducted. A little hovel or hut is north of the Ganges बोहिया goinga, South of the Ganges it is in Patna and Gaya महता maraka or कहा kurha, in Shahabad टाटी tati or बरन्दीवर barhaughar, and in South Bhagalpur डाको dhāko or मोरन्का morka. चिल्लको sirki is a hut or tent made of reeds, as in the proverb सिरन्की प्रक देखन्ड नानि, नाडि बैर में चाएक पानि, सिरन्की उठावेंक रहल ना वेरा, चागू नाय न पाकू पगन्दा sirki ek delanhi tāni, tāhi ber mañ āel pāni, sirki uthābaik rahal na bera, āgu nāth na pāchhu pagha,—he pitched his hovel and it began to rain, nor could he get an opportunity for striking it; he was (like an ass) without nose-ring or tether. A ruined house or enclosure is six dih or serve khañrhar. A hut in the forest is north of the Ganges unt pājha,

and south of it चश्चर घर chanchar ghar in Gaya, चाँचन्यासा घर chānch-wāla ghar in South Bhagalpur, टटन्सर tatghar in South Munger, and सहर्भी marhhi in South Bhagalpur.

- 1235. Straw huts used by the poor are ट्टीयर tataughar north of the Ganges, and काडी पोस kāhi pos south of it. In Shahabad they are also called दोचन्दा dochra, and in South Bhagalpur खरो घर kharo ghar. They are also very generally known as पास के घर phūš ke ghar over the whole Bihār tract. A masonry house is पासा pakka or पोखन्ता pokhta. When built of stone it is called in Shahabad चाँदन्नी chāndni. When built partly of bricks and partly of mud, it is कद्या पासा kachcha pakka or कद्या पासा kancha pakka. In Shahabad it is, however, कद्या kancha or कर्या पासा kāncha. A house built entirely of mud is कद्या kachcha; it is also to the west खास khāman and to the east सीत घर bhīt ghar.
- 1236. When a house has three openings, it is निनन्दरा tindara or संदन्दा sedra; with twelve openings, it is सरन्दरी bardari or सरसन्दरी barahdari. But these terms are not much used except south of the Ganges, from and including Patna westwards. A house provided with lattices is जासन्दार jäldär or जासीदार jäldär. A house with nine apartments is in Patna and Shahabad नौरतन nauratan. Rooms in a native house are generally nine cubits long by five cubits wide. Such rooms are called नौपद्यस naupancham. सामा bāsa or देशा dera is a dwelling or lodging-house, and विस्तन्त्रम khilwal a house used as a private chapel by Musalmāns.

## CHAPTER II.—PARTS OF A HOUSE.

- 1237. The courtyard.—This is खाँगन āngan, जाँगने angnai, or (principally in Patna and Gaya) जाँगना angna; also in South Munger जॅगना engna. In South-East Tirhut it is also called डेरा dera. The space in front of a house is खगुचार aguār or खगुचारा aguāra; also खग्नाच aguās in Shalabad, खगुची agutti in Patna and Sāran, and खगुचानी aguāni in Patna and the south-east. The space behind it is पिड्डार pichhuār or (generally in the oblique cases) पिड्डार pichhuāra, or to the west पड्डार pachhuār or (generally in the oblique cases) पड्डारा pachhuāra. It is also पिड्डा pichhut to the west, पिड्डा pichhutti in Patna and Saran, and पिड्डानी pichhuāni in Patna and the south-east.
- 1238. The vestibule or outer entrance room.—This is दुवार duār or दोबार doār generally. It is also दूरा dūra north of the Ganges,

and दुचारी duhāri or दुचरिया duariya in Patna and Gaya. Another name current in Patna and the east is देवरी dehri.

- 1239. The innerentrance room.—This is the room in which the men of the family sit and meet outsiders. It is called द्यान dulān. It is also named दोगाइ doyāh in South-West Shahabad and दरोषा darokha north of the Ganges. In Patna दोगाइ doyāh means a cattleshed. In North-West Bihār दुसुँदाँ dumuāhān is a somewhat similar room, but opening both to the outer world and to the inner apartments. A sitting-room generally is चैंड-का baithka.
- 1240. The upper story.—This is कोटा kolha, or in the south-west पटअवॉ patahuāñ.
- 1241. The under-ground story.—This is तखाना takhāna or तस्य खाना takhāna. Other optional names are भुँजवन्दा bhunjabra or तरस्या tarahra in Patna, Gaya, and the south-east.
- 1242. The veranda. This is जोगारा osāra or जोगरा osra, with variants जोगरी osāri in South-West Shahabad, जगरा usra in Gaya, and जोगरी osro in South Bhagalpur. It is also called गाणवान sāëbān, and in Shahabad टावा dhāba.
- 1243. The sitting-platform.—This is ভীননা chautra generally. Other optional names are ভ্ৰননা chabutra and পিজা pinda in Patna and the south-east, and ভাষা ota in Patna, Gaya, and Saran.
- 1244. The roof.—The roof or ceiling is इत chhat. It is also इति chhāt south of the Ganges, इता chhatta in Gaya, and इता chhāta in South Bhagalpur. A thatched roof is इडिन chhāuni, होनो chauni, होनो chauni, होनो chauni, होनो chauni, होनो chauni, होनो chauni, होनो chhānhi, or इन्हिया chhanhiya in North-West and South Bihār. It is also generally इपार chhappar, with an optional variant इपारी chhapri in the south-west. Another name current in Tirhut is चार chār. If it is a simple thatch without tiles, it is specially called टाट thāt. A thatcher is घरामी gharāmi or होनिहार chhaunihār north of the Ganges, and his work is हाउनी chhāuni. In Patna and Gaya he is दिवहार sutihār, and to the south-east मुर हरिया ghar chhariya.
- 1245. When a thatch is only a "lean-to" on one wall, it is known as प्रकारिकार ekpaliya to the west. In Tirhut it is प्रकारिश्तरिकार, and to the south-west प्रकारित ekchāra. In Patna, Gaya, and (optionally) the south-west it is प्रकारकार ekchhapra. If it rests on both walls with a ridge pole in the middle, it is रोपिकार dopaliya to the west and रोचारा dochāra in Champāran and to the east. In Patna

it is प्लानी palani, and in Gaya and (optionally) South Munger होडपरा dochhapra. In Shahabad another name current is होपरा dochra. A roof composed of four triangular thatches meeting in a point at the top is called चीपार chaupār. When there are more than one thatch in a roof, each thatch is called परका pharka or प्ला palla. Also in the case of two thatches the front one is called north of the Ganges च्यून के टाट agūt ke thāt, and the rear one प्रकृत के टाट pachhūt ke thāt. The thatching along the ridge is कोचानी kochāni, or in Gaya दोना doga. A small thatch put on the top of a wall to save it from rain is परक्शी parchhatti or उपरक्शी uparchhatti north of the Ganges, and south of it परक्सी parchhatti (with a soft t). Other local names are चीनी chhauni (North-East Tirhut), ज्यारी chhapri (Tirhut generally), and प्रकृती panchhatti in Patna.

- 1246. To rethatch a roof is wind otah or नोटट करन nauthat karab. The yearly repairs to a tiled roof are फरोटी pheraunti in the south-west, and elsewhere खपरा फरन khapra pherab. The grass put on a roof to make it water-tight is फटन्कन phatkan in Sāran, छानन chhāban in Champāran, and कोनो chhauni or नरेरा tarera in Patna, Gaya, and the south-west. In Tirhut it is छरन chhāran, and in the south-east फारन chhāran. Mud used for the same purpose is निजान gilāwa. The repairs to a tiled roof which leaks are चूचना मार्च chūana mārah in South-West Shahabad, टोर्या toiya in the rest of that district, टिपन्कारी tipkāri in Gaya, and टपन्का मार्च tapka mārah in Patna.
- 1247. The fireplace.—This is THET chulha generally, local variants being चल्ड chulh in Shahabad, चल्ही chulhi in South-East Tirhut, and चून्हो chhulho in South Bhagalpur. In East Tirhut चून्ह chulh is a fireplace with two orifices, and after kaulha one with one. In South-West Tirbut this last is called values ekaulha. The mouth of the fireplace is called मॅच muñh, or sometimes दुवार duār south of the Ganges. In North-East Tirhut चिनन्सार chinmar is the raised earth platform on which the fireplace is made, and on which food is cooked, while siar chanka is the similar platform smoothed for a Hindu to eat from. Thauna to the west is a raised platform on either side of the fireplace for receiving pots for straining off rice-water. When the ground is simply smoothed for eating from, it is called att thahar, or in East Tirhut ठाँव thanw. जारा or जाड़ा ara is a cupboard in the wall at a man's height from the ground, in which cooking-pots are placed at night. बोरन्सी borsi is the moveable fireplace used by jewellers and by villagers (especially females) to warm themselves in winter In North-

East Tirbut it is बोरस boras. यूर ghūr is a hole dug in the ground filled with straw and sweepings and lighted in the evening as a fire to warm oneself at. It is also called कोर or कोड़ knur in the west.* The iron or earthen moveable fireplace is चाँगेडो angaithi. A similar one used by jewellers is चाँगेडा angaitha. An earthen pot for holding fire is in Gaya महत्त्पर matpar, and in Shahabad मेंटचर mentahar or पोड़ा paura.

- 1248. The holes on the top of the fireplace, on which the pots are placed, are called चाँकी ānchhi or चाँक्या anchhiya: also in South-West Shahabad ऐना aila. They are also called चुक्स्या chathiya in East Tirhut. When there are places for four pots, it is known as a चर्क्या चुक्स charanchhia chātha, or in South-West Shahabad as a चर्क्या चुक्स charaita chutha. The partitions between the holes are पूना pūta, पुना putta, or पुनी putti. Also पुनी pusti in South-East Tirhut, and पुनिया putiya in South Munger. The cooking-house is amongst Musalmāns बन्दानी खाना babarchi khāna; amongst Hindus it is रचोद्या घर rasoiya ghar; also मनन्या घर bhānas ghar in l'atua and the east. In East Tirhut it is मान्य घर bhānas ghar. The portion of the cooking-room set apart by a partition for cooking purposes only is called चुक्सानी chuthāni or चुडानी chuthāni. The other portion is known as मान्य घर mānjh ghar in Sāran and South-West Tirhut. as माँच घर mānh ghar in Shahabad, and as चोची khonhi in North-East Tirhut.
- 1249. The door.—A doorway is दुषार duār, दोषार doār, दुषारी duāri, दरन्वाजा darwāja, दरन्वजा darwāja or (in Patna, Gaya, and the south-east) दरीका darauja. A door is कॅवाड़ी keñwāri, or in East Tirhut केवाड़ kewār, कॅवॉड़ी keñwāñri, कॅवॉड़ keñwāñr. The main doorway is पर् र्रावाजा sadar darwāja; also निकन्पार niksār to the west, and निकाम nikās in East Tirhut. In South-East Bihār it is प्रमुख दरोजा samukh daroja. A gate is फाटक phātak. A side door or window with lattices is फिरन्की khirki; also दरेंची darainchi in Patna and Gaya. भवाँरी bhawānri to the west and in West Tirhut, फॅमन्स bhambhra in East Tirhut, and to the west दर्शेंची darinchi, is a hole pierced in a wall to give light and air. In South Munger it is भगन्स bhamra, and in South Bhagalpur भौरा bhoñra. In Patna and Gaya it is नावन्दान tābdān. युका mukka or मौका monka, and in Champaran चैंघारी andhāri, is an earthen pot fixed in the wall for holding pice, &c. The leaves of the door are

^{*} Compare the proverb घर जरेन्स, धूर बुताब ghar jarainhi ghūr butāw,—when his house is on fire he puts out the ghūr, i.e. in many difficulties he grapples with the least.

पक्षा palla, or in Shahabad पाला pāla, and the strip of wood nailed on one leaf to cover the chink is बेनी beni or बेनियाँ beniyān. In South Bhagalpur this latter is बेना bena. The cross-pieces across the leaf of the door to hold the boards composing it together are बाता bāta or बना batta. There are generally four of them.

1250. The door-frame is चौकड chaukath. The top bar or lintel of this is उपन्दीटा uprauta or (in Tirhut) कात chhāt. The bottom bar or threshold is सतन्मरा latmara, सतन्मरन्या latmarua, or सतन्योरा lutkhora. Sometimes a second outer door-frame is added for the sake of ornament. This is called चाद sāh or द्वौड़ी dasaurhi, and such a double doorframe is said to be दोहरा dohra or साहर्गाला sahwala or दसीही चौकठ dasaurhi chaukath. In contradistinction from this, the single doorway is चादा sāda or प्रकारत ckahra. The pivot used as a hinge is चूर chūr or (in Patna पुत्र chūl). In South-West Shahabad it is पूर chūrh. A similar kind of hinge is in Gaya अन्तरकीट jhankaut. The wooden bar used for fastening the door is fault killi, and also (to the extreme west) चागर तंपुका, चागच तंपुका, or चगरी agri. In South-West Shahabad it is see danda. A short bar fastened by a pin to, and revolving on, one leaf of the door, and falling on a nail fixed on the other leaf, is विस्ती billi or विस्तिया bilaiya. The nail is called मकरी makri. A European door-bolt is व्हिटन्कनी chhilkani or व्हिटनिकनी chhitkini. The heavy door-bar sliding back into a recess in the wall is बेंड benr or बेंड़ा benra. South of the Ganges the दें की dhenki, or in Shahabad देका dhenka, and in the south-west of that district देकरी thekuri, is a perpendicular bar sliding down from a recess in the top of the door frame. The state of the south Munger is a kind of bolt. The door-lock is नाला tāla, and the key कुझी kunji, चाभी chābhi, or सोरीना chhorauna. The bolt of the lock is डरन्का hurka or (in Shahabad) भार jhār. In South Bhagalpur इर-का hurka also means a piece of wood fastening the two door planks behind. When a screen or hurdle, which is zīzī tāti or zīzī tatti or (to the west) zzī thatar, is used for a door, the spar that supports it inside is बेंड् benr or बेंड्र benra. In Tirhut it is also बेराठी berāthi, बराठी barāthi, or (to the east) बेनाठी benāthi. In South-East Bihar it is बदावी beurathi or पदः बद arkhar, and in South-West Shahabad वें बन्दा beñwra. The straw buffers tied along the two door-posts, against which the edges of the hurdle rest, are with mokh or Hier mokha.

1251. The wall.—A wall is दिवार diwār or भीत bhit. Sometimes the Hindi forms दीवास diwāl or देवास dewāl are used. The foundations

are नेव neo, and also in Patna and the south-east दावा dāwa. The straw mixed with earth for building a mud wall is vitt pāchar, or in Sāran चानम ālan. The lumps of damp mud used in building a wall are साँदा londa or भाँभा dhondha in Patna, Gaya, and to the west. To the east they are गोँदी gondi; also चेपी chepi in Champaran, चन्नी chakki in East Tirhut, and जोंदी londi in South-East Tirhut. In South Tirhut another name is स्नोदया loiya, and in West Tirhut चेकी cheki. The stages in which it is built are ter radda or tret rada, and also optionally ute pinr in Saran. In Saran tet radda is the piece of the stage which, being the width of the wall, is finished before commencing the next piece. The top of a wall is what bhita north of the Ganges, and what bhit south of it; also माँच manth in South-West Tirhut, and मधानी mathni in East Tirhut. The plank over the top of a doorway on which the wall is built is भराँड bharanth, भरेड bhareth, भरेड bharaith, or भरान्ड bharnath. In Gava it is भरन्ता bharna, and in Patna पटन्देश्च patdehal, of which a local variant in Saran is पटन्हेड्र patdehar. To the east it is also भन-कट jhankat. If this plank is not equal in width to the wall, two or more are laid side by side. Then the plank in which the top pivot of the leaf of the door moves is गरन्दानक gardānak, or in Champaran अपर्शिंदा upraunta, and the others are called भरेड bhareth, &c. An arched recess in the wall over this plank, and serving as a cupboard, is gift duraundh or दुरीं भा duraundha, or in East Tirhut चान chhāt. The gableend wall of a house is **पाचा** pakha, or in Shahabad **पाच** pakh. In North-East Tirbut, however, it is चनःमार chanmar, and in Gaya and South-East Bihar weet kaneta.

1252. The eaves.—These are चोचनी olti generally, also चोरी ori to the north and west. Another name current in the west is चोरियानी origāni. In Gaya and the south-east they are चानरी agri, and there and in the south-east चोचारी ohāri. The edge of the eave, which is finished off with a board or with a kind of long straw or reed wisp, is known as चोचन mohabhat; also as पर्योद्ध pasaunrar in North-West Tirhut, पंपानी pansaunrar in Champāran, and पनिचागर paniāgar in North-East Tirhut. The last three words are also used to mean the long bamboo which supports the eave along its lower edge. The pieces of wood let into the wall to support this are देवचा terna generally, and तद्ध tarak in North-East Tirhut. In Shahabad they are also called चच्चा marna. The slope of the roof is नारन tāran to the west and गर्द garah to the east; also गरूरा garahgar in North-East Tirhut and नारन tarangar in Champāran. The raised ground under the eaves is in Gaya चुन्ही asthi.

- 1253. The cupboard.—This is नाजा tākha or नाज tākh. A wall-bracket for lamps is दिखान diarakh or द्यारजा diarkha; also देखर dekhar or देखरा dekhra in South-West Shahabad, घोरजा dhorkha in Patna and Gaya, and घरजा dharkha in Gaya and South Munger. In North-East Tirhut it is चका chakka, and in South-East Tirhut चिरकाराज chirakdán. In North-East Tirhut खिरकीना kharikauta is a hole in the wall for keeping tooth-picks. In South-West Bihār and Gaya this is सङ्ग्ली bhurki or खरकोटी kharkoti. मुखा mukka, &c. (see § 1249), is an earthen pot fixed in the wall and used for holding pice, &c.
- 1254. The men's and women's quarters, &c.—The men's quarters are मरन्दाना mardāna, and also मरन्दानी mardāni. Other terms used are दखान dalān, दरन्दाना darwaja, or दरीजा daranja, दुखार duār, and (southeast) बँगन्ता bangla. The women's quarters are अन्द्रान andarāt, जनाना किना janāna kita, or दनेजी habeli. To the east they are also called देरा dera, and (in North-East Tirhut) अँगन्ना angna. The part between the two is देखही deurhi or (south-west) देखही deurhi. This word is often used to signify a whole house, especially that of some great person, i.e., equivalent to 'palace.' The outer room is also बद्दा धरा bahar ghara or (South-East Tirhut) बन घरा ban ghara.

# CHAPTER III.--MATERIALS USED IN THE CONSTRUCTION OF THE HOUSE.

- 1255. Building materials are খননো amla or খাঁমৰ sāngah, or to the south-east খাঁমত sānga.
- 1256. The posts and beams.—The wooden pillars supporting the roof are बमा khambha, खन्नी khambha, खन्नी khambha, खन्निया khambhiya, or खन्या khambiya. Another name current to the west and in South Tirhut is बच्ची thānhi or बच्ची thānhiñ. In North-East Tirhut another name is उपन्य uchwar. In South Bhagalpur we find खन्में khamhāñ, and in South Munger बानी khāmhi. Sometimes to support the ridge-pole a cross-beam runs across from wall to wall, and on its centre stands a pillar, on the top of which the ridge-pole rests. This pillar is also supported by two struts running obliquely from the beam and meeting it half-way up. This beam is called बच्च dharan, the pillar is called बच्चिक खारी kauri, and the props are called बच्ची pankhi or in Champaran चिपन्य sipwa. When this is found too expensive, two struts run up from opposite walls, and cross

each other just under the ridge-pole, which rests on their upper angle. The struts are called भिनः भेड़ा bhitbhera, घोड़-छुडाँ ghormuhān, or केंद्री kainchi to the west. Other names for similar supports are पढ़-का hatka and गोड़िया goriya in Shahabad, को सब kaual in Patna, Gaya, and South-East Tirhut, कड़रे kahui in South-West Shahabad, घोड़-घडा ghorsaha or घोड़ी ghori in Champāran and North-West Tirhut, केंद्र kainch in the east generally, and गेंद्र gainch in South Bhagalpur. The देवचा terua (or in South-East Tirhut कलन-द्रा kalandara) is a strut running out from a wall to support the eaves. पाया pāya is an earthen pillar for supporting the roof.

- 1257. The ridge-pole is बहुँ barenr or बहुँ री barenri, also ल्रा शिकामां in Champaran and the south-west, and नर हो narhi in North-West Tirhut. All the beams of the thatch cross each other over this the upper angle of the cross is filled in with grass, and the whole is tied up tightly. This filling in is called मंगरी manyri. The sloping ridge-pole down a corner where two thatches meet is called नइक tarak. A beam running horizontally the length of the thatch along the centre, each end resting on the slope of a gable, is called कमर क्या kamarballa, also पाइ par in North-East Tirhut. A lean-to thatch forming the roof of a verandah is supported on a series of struts projecting from the wall, which are called देखा terua, माना māla, मल्या malua, महुया or महुया marua, or महुया mañrua, which support a long beam or bamboo, called युद्ध sardar, on which the thatch rests.
- 1258. The round rafters of a thatched house are बजा balla, also बाजा bāla in Shahabad. Thick squared rafters are known as कड़ी kari. The rafters of whole bamboos are कारा kora or कोरो koro. The thickest of split bamboo are बाता bāta or बना batta, and the thinnest laths of bamboo are बाता bāti and बनी batti, also in North-East Tirhut क्रोंकन jhonjhan. निगका nigasta is a thick rafter used in South-West Shahabad; बरागा barga are the thinner rafters used in supporting a flat pakka roof. बक्षी balli are rafters smaller than a बक्षा balla.
- 1259. The round poles built up inside mud walls are देवा बाची lena khāmhi north of the Ganges. In Shahabad they are बाद god or गोदा gola, and so also in the south-east. In Patna they are बाद lār, and in South Bhagalpur नार nār. The support of a broken wall is च्यास astham or चाँदी chāmri north of the Ganges; also चाँदा chāmra, च्यादा uchka, or चाँदा chāmra in South-East Tirhut. In Shahabad this is चूची thūnhi, in Patna and Gaya द्वारी thumbhi, in South Bhagalpur

बक्त्या thamhua or चाँडा chānda, and to the south-east चोड-मनी othga, or चोड-मन othgan.

- 1260. गोज yol or गोजा yola are round beams, and चौकोर chanko, or चौपचल chaupahal squared beams. The latter are also called चौधार chaudhār in Shahabad. A crooked beam is said to be कूबड़ kūbar in Shahabad.
- 1261. In South West Shahabad चेंद्रा cheñra, in South Bhagalpur चेंद्रा chela, and elsewhere south of the Ganges चेंद्रा chaila or चेंद्री chaili, are splinters of wood, a layer of which is placed between the rafters and the tiling, and is also used for fuel.
- 1262. The tiles.—These are and khapra generally. Flat tiles are ayar ihapua, or in Champaran ayar pathua, and in South Munger स्पतिया supatiya. Another name is पटन्दी patri in South-West Shahabad. Semi-circular tiles are नरिया nariya generally, and pointed eave-tiles are effect tonti or (Shahabad) effected tontiyari south of the Ganges. In the north-west with aundha is a rough mode of tiling. when only flat tiles are used. In Gaya भूगःरा mungra, and in Sāran मंगरा mangra, is a large kind of tile laid along the ridge of a roof. Bits of broken tiles are मरन्कन markan to the north-west, and निहकी jhituki, सुरुवा jhutka, or सुरुवा jhutki to the north-east. South of the Ganges they are टिकन्री thikri or किकारी jhikti. In Shahabad they are भिकादी jhikri or चिकादी sikri. Tiles are baked in a kiln, called आवा āua or (South-West Shahabad) चाँचाँ ānwān. The layer of loose grass on a tiled roof between the rolls of thatching-grass and the tiles are known south of the Ganges as aft larer or aftit tarera, or (in South Bhagalpur) पटोतन patotan. In the north-west it is फटन्कन phatkan, and in Tirhut TT chharan.
- 1263. The bricks.—These are देश inta generally, local variants being देश int or देश ita south of the Ganges, and छैंटा ainta in Patna, Gaya, and South Munger. A well-known proverb is मन में जान नगल में दिशा man meñ ān, bayat meñ inta,—(pretending to have) something else in one's mind, and having really a brick under one's arm (to heave at you). Among the varieties are पका pakka or पाकल pākat, which are kiln-burnt (the first word is borrowed from Hindi), and कचा kacheha (also Hindi) or कॉन kānch, which are sun-dried. Another classification is into जारेकी angreji or बङ्का barka, which are large table-moulded bricks. These are also called गद्दिया gadahiya in Patna and South Bhagalpur, and राखी tāti in South Munger. Common country bricks are देशकी dehāti, or in South-East Tirbut सद्वार bhailot or प्रकृतिका

panginja. चींदर saundar in Patna and the south-east is a yellow kind of country brick. The smallest-sized country bricks are जहारी lahauri or जहारि lahauri to the west, पजार pajāi in South-West Tirhut, जलेरी lakhauri in East Tirhut, जजन्म khajwa in South-East Tirhut, and fooffaut thikariya in Patna and the south-east. The bricks forming the segment of a circle, used for lining wells, are known as बन्ने bakau, बन्ने bankau, बन्ने bakwa, or बेन्ने bankwa. In South-East Tirhut these are known as बानेटा chākauta or कोटिया देश kothiya inta. जन्म श्री surnjmukhi, or in Champāran महाया प्रशासक्य, are the bricks, narrow at one end and broad at the other, use in building the sides of wells.

- 1265. Stone.—Stone is पत्थर patther or पत्थल patthet. Slabs of stone are परिया patina or सिक्षी silli. When large they are also called चौरा chira in Shahabad, and असार asar in Patna and Gaya. Small pieces for jambs and lintels are टोड़िया torina in South-West Shahabad, टूटन lūlan in the rest of that district, वचारी kachri in Gaya, and डोका dhoka in Patna.
- 1266. Lime and mortar.— The calcareous nodular limestone used for lime-making and road-metal is known generally as कहा kankar, local names being चाँकड़ ānkar, रकाड़ी ikrr, or रंकाड़ी inkri (also in South-East Tirlut) to the west, महाट gangat in Patna and Gaya, and मौगट gingat to the south-east. Large blocks of it are known south of the Ganges as चहान chattān or चटान chatān, also as जरेन lain in South-West Shahabad. The small pieces for road-making are ऑकाड़ी ankri or चाँकड़ ānkar in Shahabad, कॅकाड़ी kankri in Gaya, and in Patna, Gaya, and the south-east simply जोड़ा lora or रोड़ा rora, which last may also

apply to small lumps of bricks, &c., also used in road-making. करारा chharra, or in the south-east पालिस bālis, is coarse limestone gravel.

1267. Lime is चून chūn, चूना chūna, or चुना chunna. It is of two varieties, viz. गिही gitti—that made from limestone, and कड़ी kali—that made from shells. In the south-east that made from gravel is also called कड़ी kali. The mussel shell used for making lime is छोपी sīpi north of the Ganges, and चितुचा situa or चितुचा situha south of it. A local name is चिन्न sittu in South Bhagalpur. घाँचा ghongha, ऐटा aitha, or ऐटा aintha is the voluted shell of a kind of watersnail similarly used. Lime mortar is मचाचा masāla, or in Patna दबोद daboī. Plaster is छदाच ledāl or नीपे nīpe. Moistened clay used as mortar is गिजावा gilāwa, or in South Munger गिनेवा gilewa. In Patna, Gaya, and the south-east it is also called गारा gāra. The pounded bricks used as a substitute for sand is चुरच्छी surkhi. When a wall is whitewashed it is said to be पोचारा वाचा pochāra wāla, चुनेटल chunetal, चुनन्वह chunwattal, or चुना फरेल chūna pheral.

### DIVISION XI.

## F00D.

#### CHAPTER L-MEALS.

- 1268. The general term for a meal is रसोद rasoï; also भानस bhānas in East Tirhut. The morning meal is नामना nāshta. Other names are पनःपियाय panpiyāo, पनःपियार panpiyāi, जलःपान jalpān, जलःपद jalkhāi, and जलःखाया jalkhāwa. Other local names are जलःघराय jalgherāw (Champāran), पनःपियार panpiyār (Gaya), and दाना dāna or दाना दूनी dāna dūni in Shahabad. पनःपियाद panpiyāi is also used to mean the food eaten by the labourer in the intervals of work in the field. This in the west is also called जुक्म lukum.
- 1269. The midday meal, which is the main meal of the day, is called by the people करोबा kalena, कर्ज़ kalen, or (in Tirhut) कर्जी kalan, though according to dictionaries and pandits this is a light morning repast. Local names for this meal are जाय khāy in Patna, जैया khāiya in Gaya, जाइक khāik in South Munger, and करोबा kalana in South Bhagalpur.
- 1270. An evening meal is इंभ्री बा sanjhana in South-West Shahabad. बेचाजू beālu, or in Champāran बर-इटिया berhatiya, is light food taken just before sleeping.
- 1271. A mouthful, or the quantity of food put into the mouth at once, is कोर kor, कवर kawar, or कौर kaur. In South-West Shahabad it is also नेवाचा newāla, which, however, means in the interior of Patna the refuse food left, after cating, for servants, and which is then also called जल्म ūlus.

#### CHAPTER IL-KINDS OF FOOD.

1272. The following are the principal kinds of food consumed by the lower orders:—

चकरी akri, प्रकारी ekri, or प्रकारी enkri,—uncleaned rice.

- चढारी akhri or (South Munger) चढारा akhra or (South Bhagalpur) चढारो akhro, also चाँचट वॅग्ग्यं (North-West Bihār and South-East Tirhut),—barley ground without being first cleaned. Cf. गूरी gūri.
- बदौरी adauri or (Shahabad) बदःवरी adwari,—little round balls made of pulse.
- चलाज anāj,—a general term for food, especially grain.
- चन्न ann,—food generally, especially corn.
- भमायट amāwat (west), अमोट amot (North-East Tirhut),—mango conserve.
- चारकी व arkanneh, -see रिकींच rikunneh.
- **घरन्दावा** ardāwa,—gram and barley mixed and parched. Used as a food for horses.
- चमाँ ही के रोटी amanthi ke roti,—see चाँही के रोटी anthi ke roti.
- भाँटा ānta or चाटा āta, पिमान pisān, कनि ह kanik or (East Tirhut) दिकस chikas, and (South Bhagalpur) चिकन्सा chikse,—flour or meal.
- भाँठी के रोटी anthi ke roti, also किमन्ती के रोटी kisli ke roti (Champaran), अभाँठी के रोटी amanthi ke roti (Gaya and South Munger), and गुमा gumma (South Bhagalpur),—bread made of crushed mango stones.
- धामिल āmil (North-East Tirhut), खटार khatāi (Sāran), and खद्दा khatta (South Bhagalpur),—dried chips of the mango fruit used as a conserve. It is of two kinds, इड़िमी darimi and खोर्या khoiya. The first is made from small immature mangos (टिक्नला tikula or टिकोड़ा tikorha), and the second from large mangos.
- भाँवड āñwat,—see च्याःस akhra.
- चौगःरा ogra,—see माँड manr.
- चौरन्डा orha,—see डोरन्डा horha.
- दमर्गरती imriti,—see जिलेकी jilebi.
- इंग्र ingur or इंग्री inguri (north),—barley from which the husk has been removed by pounding.
- चिम्रजा ujhila,—cooked mustard-seed.
- जमी ग्रेंगां,—green marua (cleusine coracana) roasted as food (see § 990).

उन्नावा दास ulwa dal, उनावन ulawal,—see दास dal.

प्रकारी ekri, प्रकारी enkri,—see चकारी akri.

कचन्वनिया kachwaniya (Sāran, Patna, and South Munger), मोद्ब modak (Gaya and Shahabad), कचार kasār (South Munger), a round sweetmeat made of rice-flour, sugar, and clarified butter.

Shahabad),—sugar-cane juice mixed with water.

कवीड़ी kachauri,—cakes of flour filled with pulse, &c. The inside stuffing of pulse-flour, &c., is called पीडी pithi south of the Ganges.

कड्डा karhua (south),—food saved from supper for the children.

कबूखी kabūli,—see खिचन्द्री khichri.

कनिक kanik,—see चाँटा anta.

कसार kasār,—see कचन्यनिया kachwaniya.

काँची kānchi,—see दल्ला halun.

किसन्ती के रोटी kisli ke roti,—seo चाँठी के रोटी anthi ke roti.

कुन्ती kunti,—see चार läi.

काँ बन्दौरी konhrauri,—cakes made of ground pulse and pumpkin.

बजन्सा khajla (north),—a sweetmeat made from wheat-flour.

खजूर khajūr, also (south of the Ganges) खुरन्त khurma or (South Bhagalpur) जिल्लिया jhiliya,—a sweetmeat in the form of a date.

खटाइ khatāi,—see चामिल āmil.

खँड़ीरा khanraura, - soo दही khuddi

कारीनी khabauni (south),—a sweet cake of wheat.

खाजा khāja (north),—a sweetment made from wheat-flour.

बिचन्ड़ी khichri,—rice boiled with pulse; also called कचूली kabūli or भूनल विचन्ड़ी bhūnal khichri when spices are added. This last is called चाँकी chhaunki (i.e. seasoned) in South Bhagalpur.

विरोश khiraura (South-West Shahabad),—cakes of rice-flour prepared in hot water. Sometimes spelt विरवर khirauran.

खोर khīr, also खोर khīri in North-East Tirhut and बढ़ीर bakhīr south of the Ganges,—rice boiled in milk with sugar See also जाउर jāur and सम्बद्ध tasmai.

खुरी khuddi, also (South-West Shahabad) चंद्रीरा khanraura, and South Munger मेरव्यम merkhun,—broken pulse or rice.

हरना khurma or South Munger खोरना khorma,—a sweetmeat in form of a date made of wheat-flour, sugar, and clarified butter. Cf. खजूर khajūr.

खुशन्का khushka,—see भास bhāt.

हामन्त्री khuski,—see परन्यम parthan.

खोभिया khobhiya,—see खाइ läi.

खोद्या khoïya,—see चामिल āmil.

महा gatta,—a cheap sweetmeat made of molasses. They are sold for a kauri each, and are the delight of boys of the poorer classes.

गखन्बल galbal,—see डभन्का dabhka.

गुमा gumma,—see चाँठी के रोटी anthi ke roti.

मूरी gūri (Shahabad),—barley ground after being cleaned, Cf.

गुज-गुजा gulgula, also (Shahabad) गुजीरा gulaura,—a pudding of wheat and suger.

युजन्दाना guldāna (north-west), also दुखाद्ची दाना ilāichi dāna (Sāran and South-West Tirhut), and मकुन्दी दाना makundi dāna (Patna),—a sweetmeat made of wheat.

युजाय जामुन gulāb jāmun,—a long sweetmeat made of dry curds (केना chhena).

मुकी gulli,—see जोरया loïya.

गुलीरा gulaura,—see गुसन्गुला gulgula.

गोभा gojha (north and south-west), also गोभिया gojhiya,—a kind of sweet cake. See also परा phara.

घटन्दा ghatra, घटोदा ghatora,—see पूचा pûa.

घडा ghattha,—see खपन्सी lapsi.

घटिषम ghatihan, घटिषम ghathihan,—a general term for cheap grain, such as barley, pease, &c., also (Sāran) any kind of grain which when ground absorbs much water and is not easily digested

चडोरा yhatora,—see पूचा pūa.

वतुषा ghasua or वसुदं रोडी ghasuï roti, also पोवुषा pochhua (Tirhut)

and with sohari (East Tirhut and Shahabad),—cakes fried in a little clarified butter or oil.

चाउ ghāth, घाडा ghātha, घाडो ghātho,—see जपन्मी lapsi.

भावि ghāthi,—see बेसन besan.

घाँठो ghāntho,—see खपन्सी lapsi.

वियोदा ghiyaura, घोवर ghiwar, चुगुरी ghuguri,—see चेवर ghewar.

चुमन्त्री ghughni (north and south-east),—a mess made of pulse, clarified butter, &c.

घेवर ghewar (north), सुगुरी ghuguri (South-West Shahabad), वियोड़ा ghiyaura (Patna and Shahabad), घोवर ghiwar (Gaya and south-east),—a sweetmeat made of wheat-flour.

घोर ghor, घोल ghol,—see महा mattha.

घोरन्जाचर ghorjāur, घोरन्जारी ghorjāri,—see मठन्जाचर mathjāur.

इका chakka,—see बजन्का bajka.

चटनी chatni,—"chutnee."

चनेना chabena, चनेनी chabeni, चरन्नन charban, or भूँजा bhūnja, also स्कर्म bhujna (Shahabad) and सूड़ी mūrhi (South Bhagalpur), भूजा bhūja (North-East Tirhut),—parched grain.

चिक्स chikas, चिक्रमा chiksa,—see चाँटा anta.

निकास chikkas (north),—roasted barley ground up with unroasted barley.

विश्वरी chiuri (north-west), चौरी chauri (South Tirhut), प्रवही pharuhi (East Tirhut and Shahabad), प्रवही pharhi (Patna and Gaya),—unripe barley parched; but in South Bhagalyur, प्रवही pharuhi is parched rice.

चुनी chunni,-see चुन chun.

**TET** chūra,—unhusked rice, parched, then moistened and pounded flat.

पून chun (north-west), नुष्की chunni (Patna, Gaya, and South Munger), and र र raī (Shahabad),—rice partially boiled, then pounded and roasted.

चोखा chokha or भरन्ता bharta, also (East Tirhut) चना sana,—a mess of pounded roasted vegetables.

चौंचा chontha (Sāran), -a dish of pulse.

- चौरो chauri, see चिचरो chiuri.
- चौरेटा chauretha, चौरड chaurath,—rice soaked in water and then dried and pounded.
- क्रमन्का chhanka, क्रेयन्कन chhewkan, क्रेयकना chhewankna, क्रेयक chhaunkal, क्रेयका chhaunka,— soe बचार baghar.
- हेना बाह्रा chhena bāra,—round flat sweetmeats made of dry curds (हेना chhena); a Bangāli dainty adopted in Bihār.
- भौकी chhaunki,—see विवन्ही khichri.
- जनायार jawākhār (south) or पाचक pāchak (South Bhagalpur),
  —ashes of burnt ears and stalks of barley, used as a cure for indigestion.
- जाउर  $j\bar{a}\ddot{u}r$ ,—rice boiled in milk with salt. When boiled with sugar it is खीर  $kh\bar{i}r$ , q.v.
- जावर jäbar, —a mess of rice, vegetables, clarified butter, &c.
- जिले ने jilebi,—a tubular sweetmeat in a coiled shape, made of fine wheat-flour, sugar, &c. A variety of it is known as इसर्गती imriti or इतिहन्ती imirti.
- भारता jhānjha (Scuth-West Shahabad),—a mixture of coarse sugar, hemp, clarified butter, &c.

भितिया jhiliya,—see खजूर khajur.

form jhilli,—see ere latta.

भोर jhor,— see परेड pareh.

हका tūka (north) or (East Tirhut) इकरी tukri,—the fourth part of a round cake.

रिकरी tikri,—a sweetmeat made of flour, fried in clarified butter or oil, and covered with sugar; also (Gaya) a small loaf or roll. In South Bhagalpur it is a round sweetmeat in the form of a cake, and made of flour, butter, and sugar. Another name for this last is दिक्या tikrya.

उक्कम thakua,—see उक्कमा thekua.

हरन्री thurri, - see द्री thuri.

इसी thūri, or (Tirhut, Gaya, and South Munger) हरनी thurri, (South-West Shahabad) होरी thori, (Patna) मुख्यी murri, and (South Bhagalpur) मुद्दी mūrhi,—grain which has not burst while being parched.

- डेनुपा thekua, उनुपा thakua, a kind of cake pressed in a mould called पान्दीटा agarauta.
- होरी thori,—see हूरी thuri.
- डमन्का dabhka (north-west), महानव galbal (South Tirhut), डमन्कव dabhkal,—parched unripe grain, or ripe grain soaked in water and parched.
- हुष्का duppha,—see सङ्खर mahuar.
- सकर takkar, a preparation of butter-milk with spices, &c. It is said to be very cooling.
- real (North-East Tirhut),—a kind of dish consisting of vegetables cooked in clarified butter or oil. It is peculiarly a rich man's food, and is supposed to be fattening, hence the proverb तरस साथ, पुरा गाउँ जाय tarat khāy, punu garat jāy,—he is a rich man, and yet he is lean.
- त्रसम्बद्ध tasmai,—rice boiled in milk with sugar, usually eaten by mendicants. It differs from खीर khir in that the latter may or may not have water added.
- कान दानी tāj khāni,—see तास खानी tās khāni.
- नास खानी tās khāni (north), also (South-East Tirhut) नास खानी tāj khāni,—a round sweetmeat made of rice-flour, sugar, and clarified butter.
- मिलन्कतन्दी tilkatri, see खाद läi.
- निसंक्ट ti/kut,—a sweetment made of sesamum and molasses, much eaten by boys in Patna.
- निजीरी tilauri,—small balls of urid or mung mixed with sesamum seed, dried in the sun, and then fried in clarified butter.
- तिसन्जोरी tisjauri (South Tirhut) or तिसियाचर tisiyaur,—linseed and rice cooked together.
- दिइमी darimi,—see चामिल āmil.
- इन-जाउर danjāur (Sāran and South-West Tirhut),—poppy-seeds (दाना dāna) and rice cooked together.
- दनौरी danauri,—the same as निकौरी tilauri, poppy seeds being used instead of sesamum.
- south of the Ganges is pounded maize boiled with water and sugar.

दक्ष-पिड़ी dalpitthi, दक्ष-पिठौरी dalpithauri, - see दाक पीठी dal pithi.

इसन्यमा dulsagga or (South-West Shahabad) चगन्पिका sagpahita,—pulse boiled with vegetables.

द्वाची पूरी dalhi pūri,—see चराड़ी berhi.

दास dāl,—split pease or pulse. When these are parched they are called उज्ञावाज दाज ulāwal dāl or उज्ञावाज साज ulua dāl.

दास पीडी dāl pīthi, दल-विद्वी dalpitthi, or (Shahabad) दख-पिडोरी dalpithauri,—(1) balls of wheat or barley-flour stuffed with pulse inside and boiled in water; (2) balls of wheat or barley-flour cooked along with pulse. पीडा pītha means balls of meal boiled in water.

धुंचाँर dhuñāñr,—see फोरन phoran.

भोचन दान dhoal dal, भोचाँच dhoanch,—see भोई dhoë.

খাই dhoi (north and Shahabad), also ঘাৰাঁৰ dhoānch (South-West Shahabad), elsewhere ঘাৰল বাল dhoal dāl,—sonked pulse.

भौग dhong (Shahabad),—a thick cake.

पकन्मान pakmān or पकन्वान pakwān,—sweetmeats.

पनीरा pataura,—the tops of the plant called गुमा gumma (pharnaceum mollugo) roasted in a castor-oil leaf.

पत्रचाँ panuān,—see कचन्रस kachras.

पवन्दा papra,—see पापर papar.

परिका parakiya,—see समोसा samosa.

पराचन parthan, also Gaya पर्वचन palethan, and ख्यान khuski,—the dry flour rubbed on the dough as it is being made into cakes.

परमस parmal (Shahabad),—parched maize or grain. See also

पराठा parātha,—see फराठा pharātha.

परेष pareh, रसा rassa, रासा rassa, or भोर jhor, sauce, such as of vegetables, &c., eaten with dry food.

परेशन palethan,—see परन्थन parthan.

पान pāg or (south-east) राज rān or (South Bhagalpur) चिरा sira,—syrup made by melting sugar in water and boiling it down.

पाचक pāchak,—see जनायार jawākhār.

पापर papar or पपन्रा papra,—a crisp cake of pulse flour.

fuer pithar (North-East Tirbut),—rice pounded in water.

पिद्वा pittha or पीठा pitha, also to the east बिगया bagiya, and in Tirhut बगया bageya,—a kind of boiled pudding made of sattu or meal. A smaller variety is called पिद्वी pitthi.

पिड़ी pitthi,—see पिड़ा pittha.

पिसान pisān, —see चाँटा ānta.

पीच pich,—see मॉइ mānr.

पौडा pitha,—see पिट्टा pittha.

पौडी pithi,—see कचौड़ी kachauri.

- पूचा *pūa*, also (East Tirhut) पू *pū*, and घटोरा *ghatora* (Patna and Gaya), and घटन्ए *ghatra* (South Bhagalpur and Gaya),— wheat-flour and molasses mixed and cooked in clarified butter or oil. Cf. साज पूचा māl pūa.
- पूरी pūri, also (north) सुनुद्दे luchnii, and (Tirhut) सोदारी sohāri or सुद्दारी suhari,—thin cakes boiled in clarified butter. They are supposed to be as indigestible as muffins: hence the proverb about one who attempts things he cannot do, भू पचे निर्दे, पूरी ला नारि ghyn pache nahiā pūri la māri,—a fight for muffins, when even clarified butter won't digest.
- पेडा petha (north), also सुचापाम bhuāpāg (South-East Tirhut), —candied gourd.
- मेड्रा pera,—a sweetmeat made of sugar and milk. Those made in Mathura and Gaya are most esteemed. See also जोर्या loïya.
- फरन्ही pharhi,—see विश्वरी chiuri.
- भरा phara (north-west), गोका gojha (Shahabad), and बिगवा bagiya (South Bhagalpur),—balls of rice steamed over a pot containing boiling water.
- पराजा pharātha (north and south-east), पराजा parātha (elsewhere), —bread made like pie-crust.
- प्राप्ती pharuhi (South Bhagalpur), फोकन्ना phokna (South Munger),—parched rice. See also विश्वा chiuri.

क्रडन्पूरी phutpūri,—see बरन्दी berhi.

कटबन्दा phutahra,—see खिद्दी litti.

west phutha or (South-West Shahabad) west phutahra, —parched gram and pease.

ज्ञडं दनी phutchri,—see सिही litti.

- or oil, and then soaked with spices in tyre. It becomes very spongy.
- in a pot with some water in the bottom, and resting above on twigs; (2) (north) balls of pulse-flour boiled in clarified butter or oil.
- फेनी pheni,—a frothy sweetmeat made of wheat-flour and sugar. See also बनाय फेनी batās pheni.
- फोकना phokna,—see फक्डी pharuhi.
- फोरन phoran, also (Shahabad) भुँचाँर dhuñāñr,—seasoning used with food.
- विश्वीर bakhīr (South-West Shahabad), रिस्थाव rasiyāo (rest of Shahabad), रिस्था rasiya (Patna, Gaya, and the southeast),—rice cooked in sugar and water. See also खीर khīr.
- बगिया bagiya, बगेया bageya,—see पिद्रा pittha.
- विधार baghār (north-west), इयान्त chheckan (Tirhut), इयाना chheckankna (Patna), शैंकल chhaunkal (South Munger), इयाना chhanka or होँका chhaunka (South Bhagalpur),—the act of seasoning food
- बच-का bachka,—see बजा-का bajka.
- चञान्ता bajka or (Patna) वचाना bachka, (north चन्ना chakka, (North-West Tirhut) बरा bara, (South Bhagalpur) बारा bāra,—slices of gourd or vegetable covered with pulse-flour and then fried in clarified butter or oil.
- बताप फोनी batās pheni or फोनी pheni (north),—a spor y sweetmeat made of sugar and flour.
- बतासा batāsa,—a spongy sweetmeat made of sugar.
- नमोरी baphauri,—pulse-flour cooked by steam.
- बरन्जीर barjaur,—see बॅरन्डिन berhin.
- बरको barphi,—a white sweetmeat made of wheat, flour, milk, and sugar.
- वरा bara or वारा bāra,—cakes of urid pulse fried in clarified butter or oil. See also वजन्का bajka.
- bari,—balls of urid, mung, or gram-flour fried in clarified butter or oil.

बसुचाची balusāhi or बाजू चाची bālu sāhi,—a sweetmeat made of wheat.

बिंखा basiya,—see बासी bāsi.

बडरी bahuri,—see द्वीरन्दा horha.

बारा bāra,—see बजाना bujka and बरा bara.

बाजू साधी bālu sāhi,—see बलुसाधी bulusāhi.

बासी bāsi or बिखा basiya, also (Shahabad) बासी कूसी bāşi kūsi,— food saved from supper for breakfast.

बोरी biri (Gaya), a kind of food made of leaves and flour fried in clarified butter.

दुनियाँ buniyān,—a small round hollow sweetmeat made of gram-besan, fried in clarified butter or oil and covered with sugar.

बॅनिया beniya,—see बॅरन्डी berhi.

बेर-चिन berhin or बर-जीर barjanr (Shahabad),—pulse cakes.

बरन्ही berhi, द्लान्ही पूरी dalla pūri (north), फुटन्पूरी phutpūri (South Bhagalpur), and also (Tirhut) बेनिया beniya, and (Shahabad) बेरन्हीया berhāya,—pulse-flour cooked inside a wheat cake.

बेसन besan or घाडि ghāthi (North-East Tirhut),—pulse-flour.

बोर bor or बोर बोर bor bor (Gayn and west), सानि sāni (South Bhagalpur), सोन son (South Munger), the act of seaking dry food, such as bread, in any liquid.

ममन्दी bhabhri,—see बिद्दी litti.

भात bhāt (amongst Hindus), खुशन्का khushka (amongst Musalmāns),—plain boiled rice.

सुचापाम bhuāpāg,—see पेटा petha.

भुकाना bhujna, भूँजा bhunja, भूजा bhuja,-sec चनेना chabena.

भूनल जिचन्द्री bhānal khichri,—see जिचन्द्री khichri..

मण्दा maëda or मेदा maida,—fine sifted flour.

मकुनी mukuni (1) (north),—cakes stuffed with gram-flour; (2) (south) cakes made of pease or wheat-flour. See also विशे litti.

मटन्दी matri (north), दुउन्दी muthri (South-West Shahabad), a sweetmeat made of wheat-flour. महा mattha or साठा mātha, also सजा mantha (South-West Shahabad), घोल ghol or घोर ghor (to the east), and सरी mahi (South Tirhut),—butter-milk.

सह-जापर mathjāür, also (east) घोर-जापर ghorjāür and (South Bhagalpur) घोर-जारी ghorjāri,—butter-milk boiled in water, with a little rice, &c., added.

मटन्दी mathri,—see मटन्दी matri.

महन्सरका marsatka (Gaya),—rice-gruel with the rice.

मण्डा mantha,—see महा mattha.

मदन भोग mahan bhog,—see दल्या halua.

मिरियाजर mahiyā ür (north) and महेर maher South-West Shah-abad),—a mess of rice, &c., in butter-milk.

HENT mahuar or (South Bhagalpur) gunt duppha,—the flowers of the mahua (Bassia latifolia), soaked over-night, crushed next morning, and made into a cake with flour, gram, pease, or linseed.

महेर maher,—see मिखा जर mahiyaür.

माउा mātha,—see महा mattha.

साँद mānr (amongst Hindus) and पीच pich or जागारा ogra (amongst Musalmāns),—rice-gruel.

माल पूचा  $m\bar{a}l$   $p\bar{u}\bar{a}$ ,—wheat-flour, sugar, and milk mixed and cooked in clarified butter only, thus differing from पूचा  $p\bar{u}a$ , q.v.

मौडी पूरी mithi pūri,—sweet cakes.

मुरुरी murri,—see दूरी thuri.

मृही murki,—see दूरी thuri, चमेना chabena, and बाइ lii.

मरन्द्रन merkhun,—see खुदी khuddi.

मैदा maida,—see मण्डा maëda.

मोती चूर moti chūr,—a sweetmeat made up of very fine वृतियाँ buniyān shaped like pearls.

मोदक modak,—see कचन्निया kachwaniya.

रदं raī,—800 चून chūn.

रच गोसा ras gola,—round balls of dry curds (देना chhena) in syrup; a Bangāli dainty adopted in Bihār.

रिखा rasiya, रिखान rasiyao,—see नजीर bakhir.

रसा rassa, राषा rasā,—see परेष pareh.

रान rān,—see पाग pāg.

TT rāb,—boiled sugar-cane juice.

रिकींच rikaunch or सेंद्रा saindha (north), also चरन्कींच arkaunch (Tirhut),—a mess of pulse-flour cooked in the leaves of the चर्चर arui (Arum colocassia).

चक-डो laktho, - see सेव seo.

- चहा lutta or बाटा lata, also (South Bhagalpur) निर्णे jhil'i,—a mess made of the flowers of the mahua (Bassia lutifolia), molasses, and parched grain.
- बाबू laddu or बाबुचा lurua,—a sweetmeat made up of sugar and cream.
- चपन्मी lapsi,—flour of any grain boiled in milk and eaten with sugar. When made with salt instead of sugar, it is called (South-West Shahabad) घाउ yhāth, (South-East Tirhut) घइ ghattha, (South Munger) घाउ। yhātha, and (South Bhagalpur) घाउ। yhātho or घाँडो yhāntho.
- खार lāi, also (Tirhut) मूड़ी mūrh, कुनी kunti (Patna and the south-west), and निजन्तनरी tilkutri (South Bhagalpur) and खोभिया khobhiya,—parched rice prepared with sugar south of the Ganges, but without it north of the Ganges.

चाटा lāta,—see चहा latta.

जाना lāwa,—maize, rice, &c., parched in hot sand.

जिही litti, भभारी bhabhri, मनुनी makuni, or फूटॅंबरी phutehri or (south) फुटइन्स phutahra,—various cognate kinds of cakes fried in hot ashes. The last four are generally stuffed with saitu and spices, while the first may or may not be so stuffed.

स्त्र luchūï,—see पूरी pūri.

- चोरया loïya or (South Bhagalpur) गुन्ती gulli, the lumps of dough out of which cakes are made. In Patna, Musalman women call them पेड़ा pera.
- चकरन्याचा sakarpāla or (Gaya) मिरन्तर mirjai,—a sweetmeat of wheat-flour.

सगन्पिता sagpahita,—see द्जन्सगा dalsagga.

बतुषा satua, सतुर satui,—see वन sattu.

चन् sattu or चतुचा satua, also (Shahabad) चतुद्दे satui, and (north, generally amongst mendicants) चिनल-वृक्त-की sitalbukni, parched gram ground into flour.

समोचा samosa also (Tirhut) पर्किश parakiya,—balls of flour, with fruit, &c., inside, cooked in clarified butter.

सरन्दन sarbat (south-east),—sugar-cane juice mixed with milk; also generally eau sucré.

मानि sāni,—see बोर bor.

चाँच sāns,—a sweetmeat made of ইয়ল besan and molasses, eaten by boys in Patna.

चित्रज्ञानी sitalbukni,—see चन् sattu.

सिधा sidha or सीधा sīdha,—provisions, food, as in the proverb सिधा सन्देइ, गयः गयः करिय sidha sandeh, gabya gabya karathi,—it is doubtful if he should get anything at all to eat from me, and he has the impudence to ask for milk,

चिरा sira, -- see पाग pay.

सिर्धा sirua,—soup.

हरका चुरा surka chūra,—unripe paddy parehed and pounded flat.

सुरारी suhāri (North-East Tirhut),—see पूरी pūri.

स्की suji,—the flour from the centre of the wheat grain.

भेव seo or (Shahabad) खकन्डो luktho,—a kind of coarse macaroni, differing from भेवर semuai in not being regularly coiled.

इंबर semual,—a kind of macaroni, which differs from स्व seo in being regularly coiled.

चेंडा saindha,—see रिकोंच rikaunch.

सोचारी sohāri,—see पूरी pūri.

मोन son,—see बोर bor.

चलुचा halua, also (Shahabad) काँची kānchi,—a sweetmeat made of flour, dried fruits, and clarified butter. Musalmāns also add eggs. A superior variety of this is known as मचन भीग mahan bhoa.

चानुस hābus,—green barley roasted as food.

ভাৰের horha (west), আৰু orha (east generally), also সালু-ডা holha (l'atna and Gaya), বছৰী bahuri or ধৰনাল parmal Shahabad),—unripe grain, roasted in the ear or pod.

Fig. 1 holha,—see Tites horha.

#### DIVISION XII.

# CEREMONIES AND SUPERSTITIONS OF RURAL LIFE.

#### CHAPTER I.—MARRIAGE.

- 1273. Marriage is amongst Hindus वियास biyāh, local optional ames being ग्रमञ्जली shumangali (properly the marriage service escribed in § 1328) in North-West Tirhut and Champāran, and त्यास दानी biyāh dāni in East Tirhut. वियास bihāh is common in orth-East Tirhut, and विस्त bihā in South Bhagalpur. Amongst usalmāns it is सादी sādi or भादी shādi, विकास nikāh being the ss regular form. The marriage contract is सन्द akad amongst usalmāns.
- 1274. The husband is everywhere (amongst Hindus) बर bar properly bridegroom), भनार bhatār, पीधा piya or पी pī (only used in petry), पनी pati or पामी sāmi. Local torms are जैवाय jañwāy (properly pn-in-law) (South-West Shahabad) and in East Tirhut चेंद saiñeñ nongst the lower classes and खामी swāmi or चवामी sawāmi amongst the igher classes. भनार bhatār is sometimes specially used to signify a oman's second husband. Musalmāns use the word श्रीचर shauhar. he following words are used by Hindus and Musalmans indifferently: खादा dulha (properly bridegroom), पुरख purukh, मरद marad, खबम 'asam, चदानी admi or चित्रमी adimi* (also used in South Munger to can wife), and खावन्द khāwind. South of the Ganges occur अमन्दी ndi and मरन्दाना mardāwa. A wife calls her husband मरद marad, or the localities mentioned above जैवाय inñwāy or मरन्दाना mardāwa. 1 South Bhagalpur she calls him चाँच sāniñ.
- 1275. A wife is मेररान्क mehrāru, इसिरी istiri, माजग māug or मौगी augi, बहू bahu or बर bah, (also, in Champāran, बीर bauh) (which eans literally daughter-in-law), जारी jannī, बेकत bekat (also used to ean husband), जाना jannīu, जोक joru, and कविचा kabilu, the last two

^{*} Often spelt by purists पादमी ādami.

being principally used by Musalmāns. जोजी jauji (a corruption of zauja) is used only by Musalmāns and Kāyasths. When talking to a respectable man about his wife, the word एवारी sawāri or घर के जोग ghar ke log or a periphrasis is used. Thus they say in Shahabad चपन्ने के एवारी ऐजी इंड apne ke sawāri aili ha? 'has your wife come?'; रवाँ घर के जोग कइन्वाँ बाढ़ी rarān ghar ke log kahwān bārīn?' where is your wife?'; or रवाँ इजेजी में कब ऐजी इंड rawān habeli mēn kab āili ha? 'when did your wife come?' lit. 'when did the being in your honour's inner apartments come?'

- 1276. When there are two wives, each is साजत sāit or सौतिम sautin to the other, a South Ganges variety being सोतिन sotin, and in South Munger सैतिन saitin. The first wife is वियासी biyāhi. In Patna and Gaya विसी bihi, and in Shahabad मेस्टरी mehri and कविना kubila, are also used in the same sense. When there are two wives, the elder is called जंडासी jethri, जंडाकी jethki, or बढ़ाकी barki, and the younger जङ्गी lahuri or सोटन्की chhotki.
- 1277. A woman whose husband is alive is north of the Ganges प्रस्वानी ehwāti, and south of the Ganges she is खरिवानी ahiwāti or खरियानी ahiyāti. A local variety is ऐस्व aihab in South-East Tirhut. सोसागिन sohāyin is another word used everywhere in the same sense. Another local word in South-East Tirhut is समन्वा sadhwa. When a married woman is living in her father's house she is a नैस्टेनिन naihraitin, or in South Bhagalpur स्वासन sawāsin, and when she is living with her husband's family she is सस्टेनिन sasuraitin.
- 1278. A widower is বজা randa or বাঁরা rāñra. If he marries a second time he is হাজাছ doāh or (in East Tirhut) হুনিষ্য dutibar or হুব্ৰিয়াহা duibiyāha, and in South Bhagalpur হাৰিয়া dobiha. If he marries a third time he is নজাছ teāh or (in East Tirhut) দিনিষ্য tritibar, and South Bhagalpur নৰিয়া tebiha. In such case he is also called হাজাছ doāh.
- 1279. A widow is बेवा bēwa or रॉइ rāñr. Another term is विभवा bidhwa. In South-East Tirhut बेधव baidhab is also used. The second marriage of a Hindu widow is सगार suyāñ. Optional names are सगरम sayaham, सन्तम sambandh or समध samadh, used chiefly north of the Ganges. To the south-east चुमायन chumāwan or चुमीना chumauna is also used in this sense. Such a woman is called to the west अरबी ardhi, and the second husband is सगइसा sagáhua or सगइसा sañghua. In Western Shahabad he is साँधम sānghut, and to the west generally

- राधुचा ardhua or भतार bhatār. A child brought forth by the widow revious to the ceremony is पराजाना pachhlagwa or कटावैटा kathbeta, in South Bhagalpur जरावैटा lahbeta. The second marriage of a susalmān widow is चकद सानी akad sāni or निकास nikāh.
- 1280. A kept-woman, who lives with a man without marriage, रखेलिन rakhelin, रखेली rakheli, or रखन्नी rakhni. Other names are जी randi, उहही urharhi or उहरी urhari, and देमन्नी dhemni. सुरैतिन traitin is used in South-West Shahabad.
- 1281. The bridegroom is दुल्लाचा dulha, बर bar, नीसे nause or नीसे rushe. Also, south of the Ganges, गमाह gabhru. In East Tirhut to forms विख्या bikhiya and विख्या bikheya are current. The bride's cople call the bridegroom सरिका larika or बरना betwa.
- 1282. The bride is दुज-दिन dulhin or कानेषाँ kaneāñ, also in outh Bhagalpur कन्यादन kanyāïn. The bridegroom's people call her रिकी lurki, जर-किनी lurkini, or बेटिया betiya.
- 1283. The dowry is नहेज jahej or दहेज dahej. In South-East irhut it is जैतुक jailuk.
- 1284. The marriage settlement amongst Musalmans is मोदर # mohar den north, and देन सदर dain mahar south of the Ganges.

#### CHAPTER II.-WEDDING CEREMONIES GENERALLY.

- 1285. The proposal for a boy in marriage by the girl's relations rice rersa is amongst Hindus बरन्त्र bartāi or बरन्देखी bardekhi, in Shahabad बरेखि barekhi. In South Munger it is sometimes पन-वही mbatti. In Patna it is occasionally बमन प्रकी babhan puchehhi. mongst Musalmans the name for a proposal is निमन्दन nisbat.
- 1286. The match-maker, who conducts the preliminary negotiions, is everywhere चमुचा agua. In North and East Tirhut he is also
  क ghatak. The barber and Brāhman, who are messengers, and
  metimes negotiators, in the matter, are called collectively नौचा बाह्मन
  ma brāhman. The searching for a boy in marriage is north of
  the Ganges, to the west, जरिका खोड़ा larika khēj, in South-Tirhut
  क्रियारी bartuhāri or सुधावधा करव sudhābadha karab, while in Northast Tirhut it is कथा करव katha karab. South of the Ganges it
  बरन्दासर bartuhār. Most of these words, however, include the

preliminary negotiations, when a suitable boy has been found If, during the negotiations, a member of the bride's house visits the bridegroom's, or rice rersd, the food given him to eat is called ৰ েনুহী ই মাম bartūhi ke bhāt. The first food given to him after the marriage under similar circumstances is মহানী bhathkhai.

- 1287. The betrothal consists in paying the निजन tilak on the occasion of the formal proposal and acceptance of the proposal of marriage. This निजन tilak is a present made to the bridegroom's people by the bride's people in the bridegroom's house. Some castes pay a portion of this in advance, as a sort of retaining-fee to secure the bridegroom; and when this is done, it is called फजर्रा phaldan, क्रा chhenka, or बर क्रा bar chhenka. In Sāran and Champāran it is also called बरका barachchha, in South-East Tirhut पनन्यही pancharhi, and in South Bhagalpur पनन्योही pantohi.
- 1288. The man who carries the इका chhenka is the इकार chenkahru north of the Ganges. South of the Ganges he is इकार chhenkahri, or in South Munger महत्तों muhton.
- 1289. The period of marriage ceremonies dates from the presenting of the तिखक tilak, and is called खगन lagan, or in East Tirhut द्वार sudh.
- 1290. The marriage procession is बरियात bariyāt. Sometimes the Hindi form बरानं barāt is used. When it remains at the house of the bride a day after the wedding, the halt is called बर्जाइ marjād. When a bride's father is unable through poverty to defray the expenses of the marriage, and he sends her to the bridegroom's house for the performance of the ceremony, she is called बहुई karhui, बहुआ karhua, or डोल बहुई dol karhui. The marriage procession is the first formal visit of the bridegroom to the bride's house.
- 1291. The second visit, which consists in the ceremony of going to the bride and bringing her home to her husband's house for the consummation of the marriage, is गवन्ना gawna, गवन gawan, or गौना gauna. In East Tirhut it is also द्वरागमन durāgaman, and south of the Ganges द्वरागौन durāgaun. Another name is रोकन्सती roksati, रोकन्सदी roksaddi, रोमन्कती roskati, or रोमन्कदी roskaddi (رغصني). Yet another is विद्रागी bidāgi.
- 1292. If the bridegroom pays an intermediate visit, it is called in South-East Tirhut হ্ৰয়েক্তৰৰ duragnaghan. Immediately

fore the final visit to fetch the bride, a message is sent to the bride's ruse with some presents, to announce the approaching of the time for the visit. The presents are called नेषार neār, and the persons who arry them नेष्याचा neardharua. The persons who actually fetch e bride are खीताहर lautāhar, नेपानहर neotuhar, खेताहर letāhar, or षावन liāwan, or in South Bhagalpur खेयारी leyāri.

- 1293. The newly-arrived bride is called মীলছনী gaunahri. In ast Tirhut she is also called ৰছছাখিল bahuāsin. The male members her party are ভৌকলোভা loknāha, and the females ভৌকলী lokni or কৈলিয়া lokaniya.
- 1294. After consummation of marriage, the first and second visits the bride to her parents' house are called रोक मनी roksati, &c., as ove. The second visit of the bride to her husband's house is दोंगा nya, and her third visit is नेंगा tenga. Her subsequent visits to r husband's or her parents' house are called रोक मनी roksati, हागी bidāyi, बिदागन्री bidāyri, खबन गवन awan gawan, दिरा वीमान्य bahura, खहोर बहोर ahor bahor, खोरा बौरा awa bawa, or इस गैस बंगी gail.
- 1295. A married girl in her father's house is called by her people dai, भी dhi, बबुद्दे babuï, or सुभाषिन suāsin. When a wife is in her her's house, and her husband wishes her'to return, he sends a ssenger (generally a barber by caste) to summon her, who is called विद्या pethwaniya.
- 1296. Their father-in-law's houses are called by bride and bridenom respectively uttil sasurār. The educated also use the Hindi
  rd uttil sasurāl. In East Tirhut it is called uttil sāsur, and in
  alaabad sometimes uttil sasura.*
- 1297. The wife's parents' house is called by her in Patna and ith Munger नहिरा nahira or मैका maika, and in South Bhagalpur न्या nehra. Elsewhere she calls it नैस्र naihar.
- 1298. The husband's or wife's maternal grandmother's house is led by him or her नानीचाल nānihāl, निवास nan.hāl, निवास nanihār, ाइर nanihar, or निवास naniaura. Other names are नमन्दर mamhar, l (in East Tirhut) मानिक mātrik.
  - 1299. The husband's or wife's paternal grandmother's house is or her दादीशांच dādihāl, दिदशांच dudihāl, दिशांच dadihār, दिशांच

^{*} A man in his father-in-law's house is always made much of, and fed well; ce in thieves' jargon a jail is called (let us hope sarcastically) सहरार sasurār.

- dadihar, or दिवारा dadiaura. Another name current in East Tirhut is पैनिक paitrik, while in South Bhagalpur they say वपन्यर baphar.
- 1300. Their maternal uncle's houses are his or her ममन्दर mamhar or ममुद्द mamuhar. So also the paternal uncle's house is प्राप्त sasurār.
- 1301. The paternal grandfather's house is (north of the Ganges)
- 1302. The father of the bride and the father of the bridegroom call each other समन्धी samdhi. Their wives call each other समन्धिन samdhin.

## CHAPTER III.—SPECIAL WEDDING CEREMONIES AMONGST THE HINDUS.

- 1303. Marriage ceremonies vary somewhat according to locality and caste. The following is mainly a description of such a wedding as might take place in the house of a well-to-do goāla in Patna, see § 1353. When the marriage has been agreed upon, the father of the bridegroom visits the father of the bride, and each provides a few handfuls of paddy (धान dhān). These are mixed together, and then divided between the two fathers by a Brāhman, and the bridegroom's father takes his share home. This ceremony is called धन-बही dhanbatti. This paddy is reserved to be parched in the chātha which will be subsequently mentioned.
- 1304. Then the females of the bride's family perform the पुमादन chumāwan or पुमोना chumauna ceremony. In this five women take rice between the thumbs and forefingers of both hands and touch in order her feet, knees, and shoulders with it. They then put it on her head. To perform this ceremony is चुमाप्रव chumāëb.
- 1305. On the fifth or eighth day before the expected arrival of the wedding procession, the following preparations are made in the bride's house. If they take place five days previously, they are called पद्ममान्त pachmangra; if eight days, पदन्ममन्त athmangra.
- 1306. The ceremony called মহন্ত্ৰী matkorwa.—The women of the family, and their friends, go singing to a well. They level a piece of ground near the well and smooth it down with বাৰ মাই lāl māti, a kind of yellow clay which is generally found immediately over gravel. They then dig a clod up out of it, and carry it home on the head of one of them. They make a

eplace, পুৰো chulha, of this mud in the centre of the court-yard লাগন āngan. In South Bhagalpur they set up a plantain-tree and a amboo in the courtyard, under which they place the mud.

- 1307. The day before the expected arrival of the marriage proceson, the family sets up a bamboo shed in the court-yard over the replace. This shed is called महन्दा marhwa, मॅड्रचा manrwa, or मॉड्रो ānro, also in South Munger महन्दी marhi, and in South Bhagalpur मण्डप andap. The same day a potter brings an earthen pot, called कलांचा isa, with a four-wicked lamp, called चीस्ड chaumukh, on its top. This placed in the house where the family god is placed for the purposes the marriage. This house is called कोस्डाइ kohbar. According to me the pot is placed at once in the महन्दा marhwa.
- 1308. A plough-shaft (इरिंग haris), a plough-yoke (पालो pālo), d some bamboo twigs (करन्त्री karchi), are then buried in the ground in e centre of the महन्त्रा marhwa. Then five men bring out from the इन्दर kohbar the कलन्या kalsa, and place it under the महन्त्रा marhwa front of the bamboo twigs. The father of the bride then anoints e four posts of the महन्त्रा marhwa with way hypu (elarified butter), and on the mother applies some vermilion (चेन्स senur). The name of is ceremony is wart ghyndhāri or होडारी dhūdhāri. In South magalpur it is विदारी ghyndhāri. At the same time worship is offered the progenitors of the family, which is called मन्त्रीयूजा mantri in. Then five men take turmeric (इसन्दी hardi), oil (तेन tel), and b grass (द्वी dūbi), which they scatter on the bride's forehead. This called इसन्दी चढ़ाएव hardi charhāch. Then women anoint her body th oil and turmeric. This is called उक्टब ubtan, &c.; see § 1342.
- 1309. Next day, before the arrival of the procession, the paddy red from the unreal dhanbatti is parched in the fireplace under the rar marhwa. This is prepared for the ceremony of wint feely a chhitāi (see § 1332), at the time of the marriage circumambution. The fireplace is then put to one side.
- 1310. Next follows the ceremony of swallowing the mango fibre. is is called इमन्ती घोटा imli ghontai. In South Bhagulpur a similar emony is called चमन्त्री घोटन amlo ghotan. An elder male of the ther's family (usually her brother) puts into her left hand a present money or ornaments. The barber's wife then gives him the tre fibre of one of the mango leaves hanging up in the न्या marhua, which he presents to the mother's mouth. The mother m bites a small piece off this and deposits it in the hollow

- of her own right hand, into which the elder male pours a little water. The piece of fibre is called অহিনা kharika, নিৰ্কা tinka—, or ৰতা danti. This the mother holds over her daughter's head and gulps (ঘাঁতৰ ghontab, to gulp) it all down. The elder male then says to her, "Art thou cool (i.e., pleased)? (স্কুল্ jurailu)," to which she replies "I am cool (স্কুলী jurailiū)."
- 1311. Wedding wreaths of mango leaves, flowers, &c., are hung over the door, and about the महत्वा marhva. These are, north of the Ganges, बन्दन्वार bandnevār or बन्दवार banwār. South of the Ganges they are बन्दन्वार bandanwār, and in South Munger चेरा ghera. In South Bhagalpur mango branches are hung about the house, and are called पन्नो pallo.
- 1312. In the bridegroom's house, before the marriage procession starts for the marriage ceremony, very similar ceremonies are gone through; the मटन्कोइन्बा matkorwa is performed. A चूल्हा chālha is made in the court-yard. The plough-shaft, yoke, and bamboo twigs are buried, and the earthen pot with lights is set up. Only no महन्या marhwa is built. The ceremonies of चुनीबा chumauma and चरन्दी चढ़ाएव hardi charhāch are performed on him, as is done to the bride.
- 1313. The paddy reserved from the ঘননাহী dhanbatti is parched in the সুস্থা chūlha. This parched grain is taken with the wedding procession, and mixed with that parched in the bride's house, and with it scattered at the circumambulation (§ 1332).
- 1314. They then cover him with cosmetic (ভৰত্য ubtan, &c., see § 1342), and his nails are cut by a barber's wife, he sitting in front of his mother, and his mother wearing the maur (see § 1326). This, as in the bride's case, is called লহন্তু nahehhu (see § 1326). The ceremony of হনন্তী ঘাঁহাহ imli yhoūtāi is also observed (see § 1310).
- 1315. He is then bathed and anointed, and sets out with the marriage procession. A little of the water in which he was bathed is brought with him. This is called धिनेड के पानि sinch ke pāni. He is not allowed to bathe again until the चौधारी chauthāri (see § 1340). When the marriage party arrives at the bride's house, this water is given to her mother, and at the time of the girl's नड़क nahchhu, the barber's wife will mix it with other water, and bathe the bride with it immediately before cutting her nails.
- 1316. The first scattering of rice.—When the bridegroom arrives at the door of the bride's house, the women of her family receive him,

and scatter over him uncooked rice, the dung of a heifer, balls of cooked rice, and other articles. A married woman of the family then takes a brass pan (बीपी chhipi or बारी thāri) and a small lamp (दीपा diya) and gives them to the bridegroom; and then, holding two corners of her mantle (चुनरी chunri), touches with them the pan, then the boy's forehead, and then her own. This is called परिशाबन parichhāwan, परिश्रन parichhan, परिश्रावन parchhāwan, परिश्रन parichhan, परिश्रावन parchhāwan, परिश्रावन parchhani. A similar ceremony is called in South Bhagalpur गुजरिंदी galsedi.

- 1317. The ceremony of the pestle.—The girl's mother then rubs in the palm of her hand a curry pestle (जोड़ा lorha), which she applies to the cheeks of the bridegroom. This is called गांच मुंबी gāl senki. This custom is not known in South Bhagalpur. Instead there is performed a ceremony called भूषा dhān. A man disguises himself as a woman and approaches the wedding party with a jar of water. He says he is a woman of Kāmrūp (Assam) come to give away the bride. He then sprinkles water on the bridegroom. (Compare § 1320.)
- 1318. The marking of the bridegroom's forehead with sandal paste before marriage is निज्ञ tilak or निष्य tillak. In South Bhagalpur it is चन्न chandan. This is done by a man called in the west निज्ञा tillahru, and in the east निज्ञा tillahdena or निज्ञा tillahya. He is generally the bride's father. This tillak is quite distinct from the tillak paid at the time of proposal of marriage.
- 1319. These ceremonies at the door are called collectively হুদ্ধাৰ বুলা duār pūja. In South Bhagalpur they are known as হুদ্ধাৰ নাম duār lagāi. Those described above are those performed by goālas in Patna. Other castes have other customs,—the higher ones contenting themselves with giving presents to the bridegroom and scattering rice (ৰুদ্ধন achelhat) over him.
- 1320. The wedding procession then proceeds to put up in a place set apart for them. This is called जनवाँचा januānsa or (in North-East Tirhut) बैडन्की baithki or बामन्यर bāsghar, and in South Bhagalpur जनन्माचा januāsa. A male member of the bride's family (generally her sister's husband) then brings to the जनन्याँचा januānsa a bowl of sweet drink or sharbat, called यूजा dhūa, and covered with a red cloth. He also brings some urid (dolichos pilosus) flour mixed up with finely-powdered pepper. This is called यूजा bukua. On his arrival at the जनन्याँचा januañsa he scatters this in the air, causing the bridegroom's party to sneeze. He then gives all those

- present to drink of the sharbat. The whole ceremony is called **yaut** vai. A similar ceremony is called, north of the Ganges, yrau alturchhuk, in which water is sent in pitchers, and a little scattered over the party with mango sprays.
- 1321. The barber now comes for the bridegroom's मौर maur or head-dress, as will be subsequently described, which he takes away to the bride's house.
- 1322. When all is ready the friends of the bridegroom leave the जनव्याँचा januansa with great pomp, earrying with them the presents for the bride. Amongst these is a valuable cloth, called कनेषाइ kaneāi, or in South Bhagalpur विद्यासी bihauti, which is taken to the female apartments, and in which she is dressed. She is then brought out and made to sit in the महत्वा marhua. This visit is called निर्वा nirichchhan, निर्वा nirachchhan, or निर्वा nirehhan, as the bridegroom's party see (निरेखा nirekhab, to see) the bride now for the first time.
- 1323. Then the ceremony of making the bracelet is performed. The bridegroom and seven other men husk paddy in a mortar. When husked, two or three grains are wrapped up in mango leaves to form a kind of bracelet. Two of these bracelets are made, and one is tied on to the bridegroom's right wrist, and the other on the bride's left wrist, by a Brāhman. These bracelets are called कड़न kangan or कड़न kankan. The ceremony is called कड़ींगर athongar, कर्रोगर athaungar, or (in Patna) उर्देगर luthaungar.
- 1324. Then follows the adoration of the bride. In this ceremony the elder brother of the bridegroom (or in default of him some elder of the bridegroom's family) offers sweetmeats, molasses  $(\pi \tau \ y\bar{u}r)$ , and ornaments to the bride. He then takes some betel-leaf and tyre  $(\pi \tau) \ dahi)$  in his right hand, and presses it against the bride's forehead, at the same time pressing his left hand against the back of her head.
- 1325. These two ceremonies are together called and bandan, great gurhatthi, or great gurhatthan, and signify that he has touched her once for all, and that, if he touch her again he will be guilty of a sin. In South Bhagalpur they are performed by the bride's sister, and both bride and bridegroom are adored. There the ceremonies are called grandha.
- 1326. Then the bride's mother sits in the सहस्या marhua with the bride between her knees, holding her round the waist. The cere-

mony that follows is the cutting of the nails. This is called नराष्ट्र nahchhu, नराष्ट्र nahchhua, नराष्ट्र नरायन nahchhua nahāwan, नराष्ट्र विद्या nahkatiya, or (in Shahabad) नराष्ट्र nahtungi. In South Munger it is नड्रनाण nachhunāë, and in South Bhagalpur चौड्रवा lauchhua. The bride's mother has previously sent (§ 1321) a barber (वजान hajām) to the चनावाप janwañsa to ask for the head-dresses. There are two head-dresses,—one worn by the bridegroom, which is made of talipot-leaves and is called नौरा maur; the other is worn by the bride, and is called नौरा mauri, or (south of the Ganges) परावाची patwāsi, or परानोरा putmauri. The bride's head-dress is made of date-leaves. The barber brings these two to the bride's house and puts the चौरा maur on the mother's head and the नौरा mauri on the bride's head. Then the barber's wife (वजानिन hajāmin) cuts the finger and toe-nails of both the bride and her mother (the bridegroom's having been cut before he left home).

- 1327. The bridegroom's party then returns to the जनन्वाँ सा janucānsa, and the bride goes inside the house and exchanges her कने बार् kaneāi for her wedding dress or पिकरी piiiri (see § 1348). The bridegroom is then sent for and is scated under the महन्या marhua, and the father or elder male relation brings the bride and scats her beside the bridegroom under the महन्या marhua, to his left. Some one belonging to the bride's family then goes inside and gets the bridegroom's maur from the bride's mother, and brings it out, and it is put on the bridegroom's head.
- 1328. Then the marriage service is read by the Brāhman. This is called ग्रमङ्गली shumangali or समङ्गली sumangali. The bridegroom sits under the महन्या marhwa in front of the bride. The father of the bride sits kneeling on one knee, keeping the bride sitting on his other thigh. This is the ceremony of giving the girl in marriage, and is called कन्याँ दान kaneāū dān or फाँघा (भाँघ or जाँघया) वैसापव jāngha (jāngh or janghiya) baisāëb.
- 1329. It is not necessary to describe particularly the procedure carried out by the officiating Brāhman. He recites (or is supposed to recite) verses from the Vedas, and leads in various acts of worship, such as throwing incense on the fire, throwing rice (san achehhat) about, worshipping Gauri, and the like. At one period the Brāhman puts into the bride's father's hand a shell containing water, flower, achehhat, and metal, and makes him empty it round the base of the earthen pot said kalsa on the top of which the lamp with four lights (called

नी मुख chaumukh) is burning. He makes him do this five or seven times. This completes the ceremony of कने चाँ दान kaneāñ dān.

- 1330. From the time of the arrival of the बरियात bariyāt up to the completion of the कने बाँ दान kaneā n dān, the father and mother of the bride can eat nothing.
- 1331. Next follows the knotting together of the clothes of the bride and bridegroom. This is गँउ बच्च genth bandhan generally. South of the Ganges it is sometimes known as गँउ जोड़ genth jor or गँउ जोड़न gethjoran, and in South Bhagalpur as जनम गँउ janam genth. At the same time something of small value, such as a two-āna piece or a few pice, or sometimes a piece of betel-nut, is tied in the bride's waist-band and in her breast-cloth by the Brāhman. Sometimes an ornament is tied to the bride's sheet, which is called अंचन्दी पासी (or पक्षा) anchri pālo (or pallo).
- 1332. The circumambulation of the sacrificial fire.—This is sometimes done by both bride and bridegroom, sometimes, e.g. in North-West Tirhut, by the bridegroom alone. They or he carry a winnowing sieve. The bride holds it in her hands in front of her, and the bridegroom follows her with an arm passing round her on each side, also supporting the sieve. Her brother fills the sieve as they go along with parched grain prepared in the fireplace formerly under the HE-AT markua, which the bridegroom at the same time scatters by shaking the sieve with his hands (this is called जावा किटाइ läwa chhitai or, in Shahabad, खावा मिराइव läwa miraib). Care is taken to keep the sacrificial fire (when there is one) or the altar to the right.* It is considered unlucky for the girl to pass it to her left. This ceremony is called भाँवर bhañwar, भवारी bhañwri. भीरी bhauñri. or सत भौरी sat bhauñri. It is also called बंदि घुमाएव bedi ghumāëb. This circumambulation is performed five times, and is the important part of the ceremony. The couple on its conclusion are fumigated with incense by the officiating Brahman. called चारत arat, चारनी arti, चगनती agti, or चगियासी aginasi. In South Bhagalpur it is called दोस hom.
- 1333. When this is done, the bride's sisters and her brothers' wives amuse themselves by pushing the bridegroom about, and lifting him up by the ears. This last is supposed to be done five times, but

^{*} The reverse rule is observed by some castes when the horoscope makes out that it is necessary.

is rarely done more than once. It will be seen that this is only done by females. Amongst the Tirhutiya Brāhmans and Kāyasths, however, it is done by the bride's brother. The ceremony is called बरक वैचाप्रव कडाप्रव barak baisāëb uthāëb.

- 1334. This is followed by the application of vermilion. In this the bridegroom takes a small cup containing vermilion in one hand, and applies vermilion to the parting of the bride's hair with a piece of homp. This is called \(\frac{2}{32}\) \(\frac{2}{31}\) senur dan or \(\frac{2}{32}\) \(\frac{2}{31}\) sindur dan.
- 1335. The stopping at the door.—The couple then leave the courtyard and go into the house where the family deity is put. This house is called कोइन्बर kohbar, or in South Bhagalpur कोइन्बर kohbara. At the door they are stopped by the sister of the bride, who requires the bridegroom to repeat certain verses, called दुरींघ duraundh or दुरींघा duraundha. The bridegroom demands a present for doing so, and on this being given he repeats the verses. This ceremony is called दुधार इंकाइ duār chheūkāi or दुधार इंकानी duār chheūkauni.
- 1336. The stealing of the shoes.—The bridegroom takes off his shoes before entering the house. If he is silent or is too nervous to speak much, the bride's sister may, as a joke, steal his shoes while he is inside, and conceal them somewhere, in order to compel him on his reappearance to speak, and say "where are my shoes?" This ceremony is called जूना चोराइ jūta chorāi. In South Bhagalpur they make the bridegroom bow to a pair of shoes covered with cloth, and the ceremony is called जूना गोर जगाइ jūta gor lagāi.
- 1337. The couple then kneel facing the north-east, and perform the worship of the tutelary deity of the family, offerings being made to him at the same time. This is called गोर जगाण्य gor lagāch. The ciothes of the bride and bridegroom are then untied, the promised presents given to the sister of the bridegroom, and the marriage is concluded, the bridegroom returning to the जनव्यामा januāūsa, and the bride remaining in the house.
- 1338. Shortly after the marriage, though this sometimes takes place the morning after, the bridegroom goes to his mother-in-law, who feeds him with rice-milk. After eating a little he sometimes takes the rest, dish and all, to the जनवाँचा januañsa, and finishes it there, or sometimes leaves it unfinished. This is called with feets khir khiyāo or feets har hiyāhi bhāt, or (in East Tirhut) महस्त mahuak.
- 1339. If the bride's people invite the bridegroom's people to stay over the night, it is called भरत्वाद राख्य marjād rākhab. This may last

for two or three days or more. On the expiry of the period of मरन्जाइ marjād, the bride's people see the bridegroom's party off. This is called रोसन्कित करि देव roskati kari dēb, &c., as in § 1291. In South Bhagalpur it is also called सोटासी lotli. It is managed as follows: The bride's family collects in the court-yard all the presents received from the bridegroom's party, and with the assistance of village friends assesses their value. All this time the bridegroom's party is away in the जनवाँसा januāñsa. When the value has been assessed, the bride's father collects on his side presents to the value of at least one-fourth greater value than those received, and takes them to the state januañsa. These return presents constitute the dowry, and are called the the dahej. The bride's father lays them before the bridegroom's. Then the bridegroom's father takes a new cloth ( चहर chaddar) and puts it on the bride's father. bride's father in return presents the bridegroom's father with a purse of money of the value of the chaddar. Then both salām to each other. Then the bride's father, in token of allowing the other to depart, presents him with a sum of money varying according to means, and a lota of water, saying "राम राम rām rām," to which the other replies in the same words. This ceremony is called रमन्सभी ramrammi, भीखन milan, मिलन्नी milni, or समन्धी मिलावा samdhi milawa. The two fathers are now, by relation, सम्बंधी samdhi to each other, and in token thereof they exchange cloaks and garlands. These exchanged cleaks and garlands are called चमन्धो samdho. Amongst lower castes, as the procession is about to start, the bride's father gives each member money sufficient for the way expenses and drink, called बटन्वारी batsāri, and in South Bhagalpur पायक pāthak. Then the procession, bridegroom and all, goes off.

- 1340. The untying of the bracelets.—Four days after the marriage the bride and bridegroom bathe, and the bracelets on their two wrists are taken off. This ceremony is called বীৰাৰ্থ or বীৰাৰ্থ chauthāri or ব্যুব্ৰী chaturthi. This is the first washing the bridegroom and bride get from the time of the arrival of the procession before the marriage. During the interval they have been anointed with cosmetics, ত্ৰুব্ৰ ubtan, &o.; see § 1342. Usually this is done in their respective houses, but in Patna the bridegroom sometimes goes to the bride's house to perform the ceremony. This concludes the marriage proceedings.
- 1341. Miscellan ous.—The wedding breakfast is (north of the Ganges) कर्जी kalau or सकानी majhni. South of the Ganges, in Shahabad it is पहुत्त panyhat, and elsewhere गोरीश goraudha or प्रीश yuraudha.

The feast at the houses of both parties the day before the marriage procession is भतन्यान bhatwān, भतन्यानी bhatwāni, or भोज bhoj. Before eating the guests wash their feet, and the ceremony is called पर पखारी pair pakhāri, पर पखरचा pair pakharua, पाँव पखारी pāñw pakhāri, गोड़ धोइ gor dhōī, or गोड़-धोचाइ gordhoāī.

- 1342. The cosmetic of turmeric, meal, oil, &c., rubbed on the bride and bridegroom for about ten days before marriage, is north of the Ganges खन्टन abtan, and in East Tirhut उग्न्टन ugtan, कसार kasār, or कासा kāsa. South of the Ganges we find उन्न्टन ubtan or (in Patna) जीवन्टन obtan very generally used; also खाँवट āñwat and खपन्टन aptan in Shahabad, उन्न्टन uktan in South Munger, and कासा kāsa, वसारा kasāra, or उटकन uktan in South Bhagalpur.
- 1343. The horoscopes of the boy and girl are everywhere जनम पतन्द janam patr or जनम पतन्दी janam patri. Also, very generally, टीपन tipan. In West Shahabad they are also कुण्डन्सी kundli. If they agree, the phrase गनन्त बनब ganna banab, or जोग मिल्लब jog milab, or दास बरग बैस गेल rās barag bais gel, is used. To calculate the horoscope is गिनब ginab, or जोग मिलाएब jog milāeb, or दिन गुन्नी करब din gunni kurab, or बमन पुन्नी babhan puchehhi.
- 1344. When the auspicious day for the marriage has been fixed, an announcing letter is sent to the bridegroom's father. This is known as the जाग पत्री lugan patri, or simply as the चिडी chitthi. The formal invitation to the wedding is नवन्ता neñata or नवन्ता neota, or (in East Tirhut) नवन nawat.
- 1345. The feast given to the brotherhood at the wedding is known as भद्यारा bhaïāra, भद्यारी bhaïāri, भद्यारे bhaïāre, भद्दारो bhaïchāro (Shahabad), जवन्नार jeonār, or भोज bhoj.
- 1346. In North-East Tirhut, amongst certain castes, especially the Bikaua (विकोधा) Brāhmans, caste money is paid as follows. If the bride's father is of lower caste than the bridegroom's father, the latter pays the former a sum in compensation called कने चाँ दान kaneāñ dān. In South Bhagalpur this is called केन main. If the bridegroom's father is of lower caste, he pays the bride's father a sum of money called विकास bikri.
- 1347. The presents given are as follows:— चनेच sancs, डाजा dāla, or डाज दौरा dāl daura, are the presents sent by the bridegroom before the arrival of the procession. दहेज dahej, as already explained, is the dowry paid by the bride's father. Before the bridegroom leaves after the welding, he goes to bid his mother-in-law good-bye. She

and the other women give him presents, which are called चलामी salāmi. Other similar presents are in South Munger पूरम pūran, and in South Bhagalpur चौंक chaunk निवास nichhāwar, निवास nichhāwar, are presents made to the barber and his wife. मेदान gaidān or मोदान gaudān is the present of a cow made by the girl's father to the family priest (परोक्ति parchit, or (in East Tirhut) प्रोक्ति purchit or चराज achārj). गुराहती gurhatthi has already been mentioned as the ceremony of giving presents to the bride by the bridegroom's elder brother (§ 1325). मोच-देखार mohdekhāi, मुदेखीनो mudekhauni, or मुदेखी mudekhi, are the presents given to the bride by her mother-in-law or other female relatives of the bridegroom on her first coming to her husband's house.

- 1348. The पिश्वरी piäri, पौरी piri, or (in South Bhagalpur) कनिएसी kaniaiti, is the bride's yellow dress, and कन्दावर kanhāwar or कैशावर kandhāwar is a red loin-cloth laid upon the bridegrom's shoulder during the ceremony.
- 1349. Bringing the bride home.—This is मौना gauna, &c., ride § 1291. The procedure is as follows:—When the bride is old enough to live with her husband, an auspicious day is fixed. Some days before the date, the bridegroom's family send a present of sweetmeats, called गौना के नेपारा gauna ke neāra. On the evening of the appointed day the bridegroom and his party arrive, and after feasting go off with the bride at dawn next day. The day before, a ploughshaft (परिम haris), but no yoke or bamboo twigs, has been buried in the court-yards of each of the respective families. Before the bride and bridegroom start, their nails are cut. This is called नप पराय nahechhachhāi or नोप विचार noh chhilāi. With the party the bride's people send one or more gaily-decorated earthen vessels full of sweetmeats, called क्रष्टा kunda or मचर mahar.
- 1350. When the party arrives at the bridegroom's house, the bride passes from the litter to the door, putting her feet into a basket at each step. This is called दौरा में गोर डारब daura meñ gor darab or घर पैचारी ghar paisari.
- 1351. On entering the dwelling the couple go into the house where the family god is, and worship him. This is called गोर खगाएव gor lagāch.
- 1352. As they go into the house, another ceremony, called surt duar chhenkai, is performed. In this the bridegroom's sister

demands a present, and when it is given or promised she allows them to pass.

- 1353. On certain ceremonies performed by Soti Brahmans of East Tirhut.—Different eastes and different localities have various marriage customs, but the one just described may fairly be taken as a standard Hindu marriage ceremony. It describes a marriage such as would take place in a well-to-do goāla's house in the district of Patna.
- 1354. The Soti Brāhmans of East Tirhut have several curious marriage customs which have existed for many hundred years, some of which will now be noted. The greatest care is kept in keeping up correct genealogies of members of this clan. The genealogical registers are called पाँजी pānji, and they are kept up by hereditary genealogists called पाँजी pānji, and they are kept up by hereditary genealogists called पाँजी pānjiyār. Once a year or oftener there are great meetings of these Brāhmans at Saurāth, near Madhubani, and other places, where the panjiyārs assemble and write up the registers. They also arrange marriages after consulting their registers, and give certificates to the parents certifying that the marriage is lawful, and that the parties are not within prohibited degrees of affinity. These certificates are called अधिकार माजा adhukār māla or असजन पत्र asujan patr. The settlement of the conditions of marriage is called सिमाँन sidhānt.
- 1355. When the bride is of equal or higher caste than the bridegroom, the parties meet in a distant place away from both their homes, and the conditions are proclaimed by the panjiyārs present. If, however, the bride is of lower easte, the following procedure is adopted:—

The bride and her family leave their house and going a little distance off erect a महन्या marhwa for the marriage ceremony. On the day appointed for the wedding, the bridegroom starts from his home with his servants under the pretence that he is going out hunting. None of his relations accompany him, and although they, of course, really know for what he is starting, they pretend to be ignorant. When he arrives within a little distance of the महन्या marhwa, he stops, and then the sidhānt is proclaimed. By this time the marriage preparations are ready, and the bride's brother comes to him and conducts him to the appointed place. On his arrival at the door the bride's female relatives, each being called for this purpose a विभन्तर bidhkari, eath hold of his nose with one hand, and with the other hold a sheet tied round his neck. In this condition they bring him into the महन्या marhwa, and there the marriage is performed.

- 1356. After a time the bridegroom's friends pretend that he has been lost in his hunting expedition, and send a man called the rautra to look for him. He returns shortly afterwards, and informs them that the bridegroom has married so and so, whereupon they all fall to and abuse him. After abusing him they change their minds and reward him.
- 1357. At the marriage a barber ties some paddy in a knot in the bridegroom's waist-cloth (धोती dhoti). This is called जनम गेंडि janam genthi. This is not untied until the fourth day after marriage, which is by this sect called the चतुरन्थी chaturthi.
- 1358. Another ceremony is the द्योत dasaut. In this a professional dancer (नद्वा natua) comes up to the bridegroom and offers him sham sweetmeats (जा laddu), in return for which he receives presents. After this the bride and bridegroom go into the way to worship the family god. On the way the bride's female relations set up shops of paltry articles, which the bridegroom is obliged to buy.
- 1359. Another ceremony is used ghaskatti. In this the bride-groom cuts some grass for his father-in-law, and in return the latter promises to give him a horse.

## CHAPTER IV.—MARRIAGE CEREMONIES AMONGST THE MUSALMANS.

- 1360. The writer is indebted to Kāzi Sayyad Raza Husain of Patna City for the following facts:—
- 1361. Amongst Musalmans there are two kinds of marriage ceremonies,— अर्द (شرعي) sharai and उर्देश (عرفي) wefi, or religious and ceremonial. The more strict and educated members of the community follow the former, and the common people the latter.
- 1362. الشرعي sharaī marriages are entirely free from ceremonies of any kind. After the betrothal the marriage is performed in strict conformity with the sacred law. The amount of dowry (العر) mahar) is not fixed, but depends on the pecuniary circumstances of the parties. Immediately after the marriage, the wife goes to her husband and is settled for life.
- 1363. عرض) (عوني ) urfi marriages are not so frequent as they used to be. The spread of education and railways has tended to make people stricter in their religious duties, but, specially amongst the lower

orders, the following ceremonies are still in vogue. In these marriages the dowry (भदर (﴿﴿) mahar) is always fixed. In the cities it is fixed at one lākh of rupees, and in the villages at forty-one thousand rupees and one dīnār. This is the amount of dowry promised by even the poorest people. It is needless to say that it is never given.

- 1364. Arranging the preliminaries, निस्ता (יייִייֹי ) nisbat.—The parents first make themselves acquainted with one another's pecuniary circumstances, and the negotiations are carried on through a female match-maker (אַמוּחוֹ (בּבּוֹלֵבֶ ) mushāta). When the preliminaries are settled, a letter of ceremony is sent by the guardian of the boy to the girl's family. This letter is written on red paper, or on white paper sprinkled with red. The carrier of the letter, on arrival at the girl's house, is given sharbat to drink, and detained for a day or two. The reply is written on similar paper and returned by him, and this correspondence settles the marriage question. From this time marriage presents are exchanged between the parties, the boy's guardian making the first present. If at this time any women come from the house of the bridegroom on a visit to the bride's house, the bride will not show her face to them.
- 1365. In some places, before the marriage is decided on the girl's guardians first see the boy. This may be done in two ways: either the girl's people send for the boy to their house, and serve him with betel-leaf, and give him rupees or gold mohars, or else the guardian of the bride sends some relative to the boy's house. There, on his arrival, he is given sharbat to drink, and the first thing given him to eat is sweetened rice (भोडा चाउर mitha chāir). This relative reports concerning the boy to the girl's guardians.
- 1366. Betrothal.—This is ਜੱਜ-ਜੀ (ωίλιω) mangni. In this the boy's guardian, after consulting with the other party to the contract, fixes a date, on which he sends presents with considerable ceremony. Large coloured earthen pots are filled with sweetmeats and fruits, and sent with a large party. In some places a suit of clothes is also sent. The pots are carried on the heads of maid-servants, who sing songs when they start and when they approach the bride's house. As soon as they arrive they are given sharbat to drink, and while they drink the bride's people sing abusive and obscene songs to them. The persons that supply them with sharbat receive a small present. The maid-servants are also given sweetened rice to eat in a dish covered with silver leaves and pieces of fruit. Sometimes they are given sweetmeats to eat first and then dishes prepared with salt. They are

detained for at least one day. When they leave the bride's house on their return journey, they are given presents in money and sometimes suits of clothes. They are also given a plain ring (ENT chhalla), a red handkerchief, and some sweetmeats as presents for the bridegroom.

- 1367. The letter of promise वादा का बक्का (وعدة كارقعة) wāda ka rukka.-When the time of marriage approaches, the parties, either orally or in writing, fix a date for it. Afterwards a customary letter of promise is sent, written on red paper and sprinkled over with pieces of gold or silver leaf. The letter is to the effect that such and such a day has been fixed, and that the writer hopes that it will meet with approval. Amongst poor families, the letter is sent in a bag of red cloth or velvet, together with two betel-nuts, some green grass, one or two pieces of turmoric, and a little rice. Amongst rich families, the letter is sent in a silver or golden box. The box is placed inside an embroidered bag together with the betel-nuts, &c. The whole is sent on a silver plate. The letter is always carried by a barber, who is given a handsome present, consisting of cash, clothes, and utensils by the girl's guardian. The guardian sends a reply either through the same man or through a messenger of his own. A tailor is then sent by the girl's guardian to take the measure of the boy's dress. He also gets a present from the boy's people, on going away. The marriage must take place not more than two months after this correspondence.
- 1368. The going into retirement of the bride and bridegroom אוֹנָהָט ) māyūn or אוֹנָהָט ) mānjha.—After the interchange of letters, the bride and bridegroom sit in mānjha.—The girl puts on a sheet dyed with safflower, and the women of the neighbourhood and her female relations assemble, and rub her with cosmetics (שוֹנִים ubtan), singing songs as they do so. From that day the girl sits in a room, and never leaves it except for necessary purposes. She does not see the face of any man,—not even of her father or her brother. She eats only milk and fruits, and every day the barber's wife comes and applies cosmetic to her. In the meantime the boy is undergoing the same treatment. He wears similar dyed garments, is surrounded by females, and cosmetic is rubbed on his body every day. In South Munger he does not thus go into retirement.
- 1369. The ceremony of the grindstone—चन्नी chakki—and the washing of the pulse—दान भोदे (دال شوع) dāl shoï or दान भोदे dāl dhoï.

Two or three weeks before the marriage a grindstone is put in one of the rooms of the female apartments of both the houses, which has been previously well cleaned. The following day a number of women assemble and singing, accompany the maid-servants who carry some mūng (phascolus mungo) to a well or river. Arrived there, they joke and sprinkle water on each other, while washing the grain. They then bring it back in the same way. It is dried in the sun, and ground into flour on the grindstone by seven women whose husbands are alive (जावाजिक sohāgini). It is then made into a dish called बरी bari for the ceremony of कड्डी (६६) kandūri (see § 1377).

- 1370. The cutting of the clothes.—This is called किंग पारचा ( قطع پارچه ) kita pārcha, and takes place in the bridegroom's house. Men and women are invited, songs are sung, and the tailor cuts out the marriage dress of the bride. When it is cut, all the men present congratulate the boy's guardian, and give the tailor a small present.
- 1371. A similar ceremony takes place in the bride's house on the day of the marriage procession. There the bridegroom's wedding garment is prepared, and when it is being despatched to him the male friends of the family assemble under a canopy in the female quarters. A few stitches purposely left unfinished in the bridegroom's drawers are then completed by the tailor, who gets some small fees from those present. This ceremony is called चाज (or, in South Munger, जामा) के बोतन (क्ष्यां क्ष्यां क्ष्य
- 1372. The vigil— the state of rational rationage.—This ceremony takes place in the houses of both parties. A spot in the house is washed, and a small wooden stool is placed therein. A new water-pot is placed on it, and is covered over with a new earthen cover. A red handkerchief is then tied on it. A garland of flowers is then placed round the neck of the pot, sweetmeats are cooked, and hymns sung entreating God to bless the bride and bridegroom. The women sit up the whole night near the water-pot, thereby intending to keep God awake. At dawn the sweetmeats and first () riham* and sharbat are offered to God. They are then distributed among the people.
- 1373. The erection of the canopy—सायाबन्दी (علية بندي) sāyā-bandi or महत्त्वा mañrhva.—This takes place the day after the last ceremony. A canopy with four bamboo poles is erected in the female quarters. First, brown sugar is offered to the saint named Shakarganj, and then garlands are tied to each pole of the canopy. When the ropes of the canopy are being tied, the sister of the bride or bridegroom,

^{*} Rice-flour mixed with clarified butter, sugar, and milk, and made into balls.

or any near female relation of the father of either, comes in and stops the work. The persons employed are not allowed to proceed till they have promised to pay her a sum of money. When the canopy has been safely erected, a paste of sandal powder is rubbed on the faces of those present. In some places, after the erection of the canopy, a goat or a cow is sacrificed in memory of the saint Shaikh Abdul Qādir Jilāni, (شيخ عبدالقادر جلاني). The flesh of the animal sacrificed is cooked on the spot where it was killed, with rice and gram, in new earthen pots. When cooked, it is offered in the name of the saint, and then eaten.

- 1374. The same night another ceremony takes place. A potter is ordered to make a small water-pot. This is coloured and painted with figures of horses and elephants. It is called agreet kalsa. It is placed in the courtyard and covered with an earthen cover, on which ears of rice and mango leaves are put. A four-wicked lamp (Argue chaumukh) is kept burning on it every night. This pot is neither opened nor removed till the marriage ceremony is over. When it is first deposited, the women sing a song over it, the purport of which is, "We have shut up storm, rain, serpents, scorpions, and worms herein."
- 1375. On the same night another ceremony, called বিশ্ব तन (בְּשָּׁל נִישׁ ) chihal tan (forty persons), takes place. A number of beggars who play the drum and fiddle are invited, and towards the end of the night a pit, four or five feet wide and two or three feet deep, is dug under the canopy. In this pit large billets of wood are burnt, while the beggars play and sing hymns in honour of the same. When the fire begins to burn brightly, they one by one fall upon it and extinguish it with their bare feet. Sometimes they carry the bridegroom in their arms while performing the ceremony. When it is over, fried gram and fried wheat mixed with sugar are offered to the forty saints.
- 1376. The song of Balaimiyan.—This is called पौर का नजा (پير الانيرة) pīr ka naija, or बार्च मौयाँ (שֵׁלֵשׁ bālai mīyān. Next day the females of the neighbourhood are invited; a spot is washed beneath the canopy, and the green branch of a mango tree with leaves on it (or sometimes simply a wooden stick 3 or 4 feet high) is erected therein. A red handkerchief dyed with safflower is spread over it. The women then sing the song of Bālai Miyān. At the same time an बाबिया ankhiya* is put in a new earthen pot, offered to the saint, and then distributed to the people.

^{*} A kind of cake made of wheat-flour and rice-flour and boiled in water. It is shaped like the eye, ānkhi: hence its name.

1377. Offering to deceased elders.—This is called केंद्ररी (کندوري) kandūri or बीबी के सम्बन्ध (بيبي کي صحنک) bibi ke sahnak, and takes place on the same night as the last ceremony. An earthen fireplace (भूक्त chulha) is prepared at home and placed beneath the canopy. maid-servants go singing to fetch water, carrying several water-pots covered with red cloth, and accompanied by musical instruments. They must be married women of good character; they may not be widows, or women who have married twice. In the water which they bring, rice, gram, mung (phascolus mungo), fruits of the egg-plant, and pumpkins, &c., are cooked. When cooked, first the rice is distributed on earthen plates, then on it the pulse, then a little tyre prepared specially for the occasion, and then the vegetables and cakes. On each plate one betel-leaf and one garland is laid. In some places only rice, curds, and sugar, are put on the plate, and this is called मीडी कहरी mithi kanduri. These plates are prepared in great number, and have been previously kept in a room washed for the purpose Then the plates are offered, first one in the name of the prophet, then one in the name of his daughter Bibi Fātma (فاعلمة), then one each in the names of many saints, and then one each in the names of the deceased members of the family, so far as they can be remembered. Great care is taken to make offerings in the name of all of the last. After this the females of the neighbourhood and those related to the family who have been invited assemble in a place in the courtyard (चाँगन angan) of the house, which has been well washed for the occasion, and sing songs in the praise of Bibi Fatma, and eat the offerings. No woman who has been married twice, or who is unchaste, dare eat out of these sacred plates.

1378. The anointing.—तेन चड़ाण्य tel charhāëb.—This takes place in the houses of both the bride and bridegroom the day after the last ceremony. Each is made to kneel down on a wooden bench (चौकी chauki), and a yellow cloth is thrown over him or her. Then seven married women (चौचाणिंच sohāgini) tie up seven cakes (एडानो suhāh* and पौडा pītha) in a yellow handkerchief, and wave it round their heads. Then they anoint the whole body of the bride or bridegroom with oil. A small bundle is made up of mustard seeds tied up in a piece of yellow cloth, and then tied on the arm of the bride or bridegroom. This is called कॅगरना चाँचन kangna bāndhab.

^{*} A cake made of flour and turmeric and fried in clarified butter.

- 1379. The marriage procession.—This is aftern bariyat, &c., as amongst Hindus; see § 1290. When the time for the departure of the bridegroom's marriage procession draws near, the maid-servants of the bridegroom's house go out, singing songs, to fetch water. On their return they are stopped at the gate by the musicians, who refuse to let them pass till a present has been made to them. The water is placed under the canopy, where also a small stool is placed. The male members of the family assemble there, and, as songs are sung, the brother-in-law of the boy, or any near relative, digs a pit there. This is called 'digging a pond,' पोखन्रा खोदव pokhra khodab. He also gets a present for doing this. The bridegroom then bathes at this place, and puts on his wedding garments, consisting of (a) coloured drawers, (b) a kind of overcoat (जामा (جاما) jāma) dyed with the safflower, or made of प्रकारङ्गा ekranga or of brocade (बसावरी (الساورى) asāwari), (e) a white turban covered with a red cloth, or a red turban, (d) a garland of flowers, and (e) a handkerchief carried in the hand. He then mounts on horseback, and visits first the grave of some saint, where he makes an offering of sweetmeats, and then the village imambara (इसाम-बाडा ( امام باق)),* where he makes a similar offering. He then starts for the bride's house, and on approaching it he pays similar visits to the tombs of saints and the imambara there. In the meantime the bride has also bathed, put off her मर्नेका mānjha dress, and put on another which has been prepared either in her own house or in that of a relative.
- 1380. When the time for the arrival of the bridegroom approaches, the bride's maid-servants set out on the road on which it will come, carrying with them rice soaked in water and a newly-made ladde (six doi), to which is tied a piece of red cloth. They stop at a well or a river, lay the ladde down on the ground, and cross over it one by one, eating the rice as they do so. They then dig up a factor chirchirat shrub which they had previously noted, and carry it home, singing songs. The root of the tree is ground up and made into pills, which are administered to the bridegroom on the night of the sacrat jalva (§ 1384).
- 1381. The sending of presents.—This is called বাৰক (اساجق) sāchak. Before the arrival of the marriage procession a ৰবী bari is sent

^{*} An imāmbāra is, according to Bihār tradition, a building erected in honour of the celebrated martyr Imām Hassan, the grandson of Muhammad.

[†] Achyranthus aspera, said to be of sovereign virtue to one bitten by a venomous reptile or stung by a scorpion, &c.

to the bride's house. This word has two meanings, viz. (1) a dish of cooked pulse, and (2) that here referred to,—all the following presents taken together. It consists of:—

- (1) Dresses for the bride, of from one to twenty-five suits. The first suit, or wedding dress ( বান ক ভাড়া rit ke jora), is also called the আহ্বানা (এটিএ) shāhāna or royal suit. It is not worn after the fourth day, of the ceremony. It consists of a pair of long drawers of satin cloth and a ভাষা jāma (see above) of brocade, tasar silk, or তুলাভাগ ekranga. A second suit, also of fine materials, for the fourth day is called the ভাষা ভাড়া chauthi ke jora; and a third suit, for the tenth day, ব্যৱসাৰ ভাড়া dusahra ke jora. Each suit is of less value than the preceding one.
- (2) The chaplet, fa פיין ) sihra, for the bride.
- (4) Some otto of spices, चोचाग के चतर (سهاک کا عطر) sohāg ke atar.
- (5) Sweet-scented oil.
- (6) A cone-shaped basket (called ভাষাৰ মুখা sohāg pūra) of bamboo, covered with red paper and containing ছভাইনীতা chhalchhabela, নাম দীয়া nagar motha, নাম ছড় bāl chhar, the bark of the bay-tree (নাম taj), cardamons, sandal-wood, grains of musk, nutmeg, mace, saffron, cassia, turmeric, &c.
- (7) Sweetmeats.
- (8) Fruits, viz. almonds, pistachios, grapes, dates, cocoa-nut kernel, &c.
- (9) Spices for betel.
- (10) Fifty-two water-pots. These are small in size and are gaily coloured. In each a little rice, some betel-nuts, and some mango-leaves, are put.

These things are carried on the heads of maid-servants in procession in trays, accompanied by torches, music, and fireworks. First comes a large tray carrying the royal robes, then small trays, on each of which is placed another suit, and then the rest. The whole is covered by a long piece of cloth called **carriers** daljhakna.

- 1382. In the meantime the bridegroom's dress is despatched from the bride's house, with a tailor, to meet the procession. The dress consists of a red जाना jāma (see above), long drawers of silk often worked with gold and silver flowers, a turban covered with a red handkerchief on which is laid a garland, and over this a very thin handkerchief, called अवग्ना (عَنْهُ) maqna or veil, and a red handkerchief, for him to earry in his hand. When the bridegroom is clothed in this by the tailor, he gives the clothes in which he has travelled so far to the barber, who follows the bridegroom, earrying an umbrella over his head. Then the ceremony of जिनाइ (रूप) nikāh or religious marriage is performed, and dates and sweetmeats distributed to the assembled guests.
- 1383. After this the bridegroom goes on horseback to the bride's house with great pomp, accompanied by a large party of men with torches, fireworks, and music. When they reach the house, all the men remain standing outside, while the bridegroom enters the female quarters of the house either on foot or horseback. There he sits on a wooden stool (which is given him in dowry), and his mother-inlaw (or if she be dead, some other female relation of the bride) comes to him carrying a plate containing a small lamp made of flour and a little star arwa rice. She warms her hand at the lamp, and then touches the cheek of the bridegroom. While she is doing this, a woman comes and whispers in his ear the following Hindi verse " भोने में चोचागा, खर्द में तागा। चो दुलन्दा का मन दुलन्दिन से लागा॥ sone men sohāga, sūi men tāga o dulha ka man, dulhin se lāga, i.e., borax* in gold, a thread in a needle, and the bridegroom fell in love with the bride." Then six married females (सोद्यागिनि sohāgini) and the mother-in-law alternately touch the cheeks of the bridegroom with the star area rice. He is then given some sharbat to drink. This is prepared in various ways: sometimes the wet hair of the bride after she has bathed is dipped into it, sometimes a small piece of sugar is put into her hand till it becomes moist with the perspiration, and then the sharbat is made of it, and sometimes it is made of a piece of sugar which she has taken into her mouth and orushed between her teeth. Then the bridegroom stands on the wooden stool, and a maid-servant carries in the bride in her arms, and touches the back of the bridegroom with her feet, and takes her away: then the bridegroom returns to his own party.

^{*} Borax is a flux for melting gold.

1384. The saver jalua.—The day after the arrival of the procession, milk, a dish called אולבנג ) malida or sweetmeats, and sharbat, are sent from the house of the bride to the bridegroom's party. The Helica malida or sweetmeats are put into the milk and drunk by the bridegroom out of a cup of silver or copper, which is given to him afterwards in dowry. Then the others drink it. The same evening maid-servants come from the bride's house singing songs, and take away the procession umbrella, and under its shade seven married females grind the spices which came in the uten uti solay pura, and when ground, apply the powder to the hair of the bride which they also tie with the argi naru or string which came at the same time. The scented oil is also applied to her hair. Then the bride puts on the royal dress, a garland of flowers, the chaplet चिद्रन्त ( sihra, and a veil, which is thrown over her face. She takes off all the ornaments of her maidenhood, and puts on new ornaments sent her by the guardians of the bridegroom. Black powder ( जिस्सी missi) is applied to her teeth, and she is adorned in every other practicable way. During the day, it may be added, myrtle leaves have been applied to the soles of her feet to make them red. When she is ready, the bridegroom is sent for. and he comes walking, preceded by a maid-servant walking backwards, and carrying a plate on which is a burning lamp, so arranged that the smoke is thrown towards the bridegroom. When he reaches the gate of the female quarter of the house, the mother of the bride, or (if she is dead or a widow) any other married woman, meets him, and conducts him inside. The manner of doing this varies in different places. Sometimes the mother carries in her hand a plate in which lamps made of flour or silver are burning, and the wicks of which are of red cloth. A small quantity of the red thread (नाइर nāra) already mentioned is also laid on the plate. She walks backwards with her face towards him, and at every step throws down a piece of thread, and asks the bridegroom to pick it up and lay it on the plate. In this way, and at the same time touching his cheeks with her hand warmed at the lamp, she takes him into the inner yard, under the canopy. In other places the mother-in-law gives him betel to chew, which he bites and throws away.

1385. When the bridegroom comes under the canopy he sits on a wooden stool near a bed. As long as he stays there his sister (or, in her absence, a maid-servant) spreads a portion of her cloth (six) sari) over his head. Then the match-maker (summ (ablace) mushata) throws a string round his neck, and pulling it gently, refuses to

let it go till she is paid something. A cloth is then hung between the bed and the stool, and the match-maker (who has also had charge of adorning the bride) makes her stand on the bed in such a way that the bridegroom can only see her face. She then places the two hands of the bride on her (the bride's) forehead, and moves the bride's head this way and that way. A coloured handkerchief, in which is tied rice and turmeric, is then given to the bridegroom, who throws it on the bride, and each time he does so he is given a betel leaf in which pieces of the root of the चिर-चिरा chirchira shrub already mentioned are wrapped up. This moving of the head and throwing of the handkerchief is repeated seven times, and the ceremony is called अलन्वा देव (اجلوة دينا) jalua deb. The bridegroom then sits on the head of the bed, and the match-maker takes off the chaplet and veil from the face of the bride and shows it to the bridegroom, who for this favour gives her a present, and at the same time receives presents from the female relations of the bride. Sometimes, after this is done, a cup containing sandal-wood and a finger-ring of silver, which has a small cup made in the place where there is usually a stone, is given to the bridegroom, who, after dipping the ring into the sandal-wood, touches the forehead of the bride with it. In other places vermilion ( ) at senur) is used instead of sandal-wood.

- 1386. Then the wife of the bride's brother, i.e., the bridegroom's ধ্যাৰ (ক্রু) sarhaj, comes and sits on the bed, and throws little balls of flour at the bridegroom, who does the same to her. This ceremony is called লাঁহ ইবাৰ gend khelab. A maid-servant then carries off the bride in her arms, followed by the bridegroom, who catches hold either of a corner of the bride's sheet (ব্য chaddar) or her finger.
- 1387. It must be noted that throughout all these ceremonies the bride has kept her eyes shut, and never moves on foot, but is always carried in the arms of a maid-servant.
- 1388. The bride and bridegroom are then made to stand in an outer room (द्वाम dalān), and in the hands of both a little rice is put, but the hand of the bride is turned backwards. They are then caused to toss their hands up in the air, by a maid-servant, and thus the rice is scattered through the house, and the bride says at the same time that she is filling the house of her father and mother. The bridegroom also says that he is filling the house of his father and mother-in-law. This ceremony is called at ute ghar bharab. The bride is then carried

off to a well-furnished room, where the bridegroom takes off her shoes with his own hands.

- 1389. The departure of the procession.—This is עפינה)
  rukhsati, and takes place on the third day after the above-mentioned ceremony. The bridegroom is called into the female apartments, and he and the bride are given rice-milk שלע (khūr) to eat. He affects displeasure, and refuses to eat with her. The mother then makes him a present, and he consents to do so. Then the bride and the bridegroom sit together on a carpet, and a small piece of sugar on a betel-leaf is placed first on her head, then on her shoulder, then on the palm of her hand, then on her knees, and lastly on her feet. The bridegroom is pressed to pick up the pieces of sugar from each place with his mouth, or at least with his hands. This ceremony is called अवस्त प्रकार nabāt chūnab.
- 1390. When the bridegroom goes off to his own house with the bride, she is carried in the arms of a maid-servant, and keeps her eyes shut till she reaches the court-yard of her husband's house. The sister of the bridegroom first meets her with a jug of water and washes her feet in a plate, which she (the sister) keeps as her perquisite. After this the ceremonies of ut ute ghar bharab and sain gas nabāt chūnab are performed again in the bridegroom's house.
- 1391. The ceremony of the fourth day.—This is चौथी chauthi or जीवारी chauthari. It takes place on the fourth day after marriage, i.e. on the day after the arrival of the bride and bridegroom at the latter's house. The bridegroom takes off the thread area with which the hair of the bride had been tied. The women of the family then bathe the bride in the female apartments, singing songs at the same time, and the bridegroom himself bathes outside. Sometimes the bridegroom also bathes inside. The bride then puts on her dress made for this day (see § 1381), and the bridegroom also puts on the dress given him by his father-in-law. The bridegroom then enters the female apartment, and joins in the ceremony of squijūa, or gambling. Seven spotted shells (चिन्नी कोड़ी chitti kauri) and a necklace (अन्दन दार chandan hār) are thrown up in the air. A maidservant extends the bride's hands, and the bridegroom his own, and both try to eatch the falling necklace. The one who succeeds wins the game.
- 1392. Two or three days after the arrival of the bride in the bride-groom's house people come from her house to take her back. The bride's

younger brother and other relations may form some of the party, but not elders, such as the father or uncles. They bring with them presents of sweetmeats, rice, pulse, a goat, &c., varying in quantity according to means. Two or three days afterwards they return with the bride and bridegroom.

1393. The ten days' stay.—This time the bridegroom stays nine or ten days in his father-in-law's house. This stay is called the द्वारा at dasahra khāna. On their arrival a room is made over to the bridegroom in the female apartments, and the bride is made to walk into this room accompanied by her female relatives and those of her husband, all singing songs. This is the first time the bride is allowed to walk since the commencement of the ceremonies. Up to this she has been always carried about. When the bride approaches the bridegroom in this room, he is expected to salute (पदाम salām) her. If he does not do so, showers of abuse are poured upon him.

This concludes the wedding ceremonies.

### CHAPTER V.-BIRTH CUSTOMS GENERALLY.

- 1394. An adopted child is amongst Musalmans मोत्तनम्बा (अंदर्भ) motmanna. Amongst Hindus he is पालक pālak, पोमन्पत posput, or पोमन्पालक pospālak. Local names are पोमन्बेटा posheta or पोमन्वालक posbālak in the south-east, and करन्ता पुतन्र karta putr in East Tirhut. To adopt a child is पोमिया छेच posiya leb, गोद लेव yod leb, or राम पर लेव rās par leb.
- 1395. When a woman cannot suckle her child, owing to pains in and hardness of the breast, she is called यने जिया है thanailiyāhi. Inability to suckle on this account is यने जो thanaili. When a child is not well nurtured owing to the untimely death of its mother, or to her milk running dry, it is called दुष-इद्द्या dudhtutua or दुष-कद्या dudhkatua. In South Bhagalpur it is ककारा kalra.
- 1396. A seven-months' child is सतःवाँस satwāns or सतःवाँस satwānsa generally; also सतःवाँस satwānsu south of the Ganges, सतःवास satmās in North-East Tirhut, and सतःवास satmasua in South-East Tirhut and South Bhagalpur. An eight-months' child is भउःवाँस athwāns generally; also भउःवाँस athwānsu south of the Ganges, भउःवास athmās in North-East Tirhut, and भउःवास athmasua in South Bhagalpur.

- 1397. An only child is प्रकारीना eklauta; also प्रकारण ekáhula in Shahabad and प्रकृतिना ekauniyān in South Bhagalpur. A first-born child is परिजीटा pahilautha. The youngest child, i.e., the last which a woman has, is called पंटापाँड्या petponehhua or कोरापाँड्या korponehhua. When a girl is born after three boys (which is considered very lucky), she is called a तेतर tetar, and she is even often named केतरी tetri. In the south-east, however, a girl born after two and not after three boys is so called. A child whose elder brother is dead is called मरास marāchh, or मरस्या marachhwa, or (in South Bhagalpur) मरोसा marochha, and (in North-East Tirhut) मस्दे machhaī. Such children are treated and dressed as girls, sold to the midwife for a few cowries, and brought back again and given opprobrious names, in order to induce the demon of death to think them of small account and not worth killing.
- 1398. When a woman has a child every year she is useus barsain, or in South Bhagalpur बरमेंनो barsaino. A woman with only one child is value ekanni, or to the east arm want kak banjha, or करिया बाँक kana bānjh. The latter name is said to be derived from the children's game of आग दुवस kag durus, or "odd or even." In this game one boy guesses whether another has an odd or oven number of cowries in his hand. If he guesses an odd number he says काम kāg, or if an even one दुवस durus. Hence काम kāg means an odd number, and specially 'one.' A barren woman is चाँभा bānjh, चाँभा विद्या bānjh bahila, or (in the south-west) वाँभिज bānjhin. A woman after delivery, until the purificatory ceremonies are performed, is अल्बाना alwanti or परन्तीनी parsauti. The lying-in room is north of the Ganges चोद्री soiri, and to the east also सोप्र soer. South of the Ganges it is भीर saur, भीरी sauri, or जञ्चा खाना jachcha khānu. In this a fire is kept burning for ten days after the woman's delivery. This fire is known to the north-east as अगियासी agiyāsi, and in South Bhagalpur as पोड़ा pora. Elsewhere it is पर्वंघी pásanghi, with a variant vint pasangi in the south-west and in South Munger.
- 1399. The presents given to a woman in a state of pregnancy are known as सभार sadhor. In South Bhagalpur such presents are given after delivery, and are called सहोरा sathora. सहस्वानी achhwāni is caudle given to a lying-in woman to produce milk. It is also called सहस्वान sothaur in the north-east and सहिद्या sonthaura in Gaya and the south-west. Another name current in the north-east is

चधन्यसी adhrassi; in South Munger it is करण्या kadwa, and in South Bhagalpur चारो गूड़ ādo yūr. The longing of a pregnant woman is रोपर dohad or मनन्मसम manchalab. The earthen cakes which she is fond of eating when in this condition are called चपन्द्रा khapra.

# CHAPTER VI.—CEREMONIES PECULIAR TO THE BIRTH OF A HINDU CHILD.

- 1400. When the labour pains commence, the चमादनि chamāini or chamaini, i.e. the native midwife, is sent for. She is also called enotes or enotes dagrin. On her arrival she puts a finger-mark (zhar tika) of vermilion on the wall. This ceremony is called होत्त्री sorāri, and is supposed to hasten the delivery of the child. As soon as the child is born, the midwife washes the forelock (we lat) and feet (गोर yor) of the mother, which operations are called जटन्धोचार luldhoāi and गौरन्धोचार gordhoāi respectively. She gets a fee (नेग neg) for doing this. The child's navel-string ( nār) is then cut. If the child is a serie marachh (or erear marachhwa), i.e. if the child which was born before it from the same mother is dead, the navel-string is all thrown away. Otherwise it is buried in the floor of the lying-in room, and over it the fire (पर्वे pásanghi) is placed. The latter is called in South Bhagalpur पगनी pasni or घर ghūr. The child's body is then rubbed with and are kothwar, which is the dust of a sun-dried granary (कोडी kothi), in order to take off the footal excretion (कावर jāwar or mid jāmwar). The midwife's fee for cutting the navelstring is नांरन्कटाइ narkatāi or नरन्कटाइ narkatāi.
- 1401. When the child's body has been thus rubbed with dust, it is bathed in lukewarm water, and then the midwife throws it up in the air and catches it again five times. This is called ভবিষা ভাষাতৰ larika lokāëb. At the same time another woman strikes a brass dish (पारी बनाएम thāri bajāëb), and the mother holds in her hand a handful (जैंदरी anjuri) of grain, which last is the perquisite of the midwife. The afterbirth (जिमानी lijhri or नार परेन nār purain),* &c., is then thrown away in a vessel called खपरोर khapraur or (in Gaya) जपरोही khaprauri, for which the midwife receives a fee called खपरोर फॅकाइ khapraur phenkāï.
- 1402. Two or three days after the birth, when the प্ৰাক্তিৰ prohit or family priest has fixed on a lucky day, the ceremony of মন্ত্ৰৰ

^{*} The after-birth of an animal, as distinguished from that of a human being, is jhar or with  $jh\bar{a}r$ .

nahāwan is performed. This consists in नीम nīm (azadirachta Indica) leaves being boiled in water, and both the mother and child being bathed with the decoction. Then a handful of seeds of tit rai (mustard, sinapis racemosa) and नवाँदन jenwanin (dill, ligusticum ajowan) is waved (निकायर करव nichhawar karab or चौंक्व aunchhab) round the mother's head and thrown into an earthen cup containing fire. When the seeds are consumed, the cup is upset, and the mother breaks it with her left foot. Then she sits with grain in her hand, while the brass dish is again beaten, and the midwife again throws the child five times in the air. This all takes place in the court-yard of the house, and is done to avert the evil eye. It is the first day on which the mother comes out of the lying-in chamber. The same day this chamber is plastered over with fresh mud, amongst the rich by a maid-servant, and amongst the lower classes by the husband's sister ननद (nanad), who gets a fee for this, called सोदरी जियाद soiri lipāi or (south of the (langes) भीर जिपाद saur lipāi. The same day the washerman takes away the lying-in clothes (क्रान्का के कपन्डा chhutka ke kapra), and washes them. His fee for this is called द्वत-का chhutka.*

- 1403. The next day after bathing, the barber pares the mother's nails, which ceremony is called নাৰ-হন্ধী nohtungi or নৰ-হন্ধী nahtungi, and his fee is known as নাৰ-হ্যাহ nohtungāi.
- 1404. On the seventh or eighth day, when the mother is first able to cat rice, the ceremony of Tell signal khenrhi joraëb is performed. A hole is dug in the ground, into which milk and water are poured. The mother sits close to it, and eats her first dish of cooked rice. From this day collyrium (sint kājar) is put on the child's eyes. Before this, when oil was rubbed on the child's body, the child had been laid on its back during the operation, but henceforward it is laid on its face for the application. From this day, also, the mother gets a bed to sleep on. Up to this day she had been fed only on caudle and on a mixture of oil, turmeric, and molasses (steel at hardi gūr).
- 1405. On the twelfth day the ceremonies of दोंनी काँकव donni jhānkab and कडी chhathi are performed. Sometimes the latter ceremony is omitted. In the former, five दोनी doni or दोना dona, which are a kind of platter, are prepared of leaves of the jack-tree ( कड-घर kathar). In these cakes (पूरी pūri), rice milk (फीर khir), &c., are placed. Sometimes the leaf platters are omitted, and rice milk, &c., is simply laid

^{*} The washerman caste is considered an unclean one because its members touch these garments.

on the ground over the cakes. Worship is then performed, and the articles eaten.

- 1406. The was chhathi or wis chhathi ceremony is also called in Tirhut was chhathiyar or was chhathi. As its name indicates, it should properly be performed on the sixth day after birth, but this rarely occurs now-a-days. When it is held on the twelfth day it is also called with diagonals and made of cowdung is fastened on the wall. At every corner and intersection cowries are fastened, and the whole is painted with vermilion, and cakes, &c., are laid before it. The child is then oiled, has collyrium applied to its eyes, is wrapped up in a cloth, and placed before it. It is then dressed in new clothes, and rings (was kara) are put upon its arms and feet for the first time, and some money put into its hand. On this day also the child is named, and the relatives are fed.
- 1407. The ceremony of purification performed on the fortieth day after birth is called चित्रा chhilla. In South Munger a similar ceremony takes place on the twentieth day, and is called चमन्दीरी basdauri. The ceremony of first feeding the child with rice is called चमन्दारम anprāsan, also (south of the Ganges) चिराखियाद khirkhiyāi and चिरायदाद khirchatāi. In Gaya it is निमक चयी nimak chasi, and in South Munger चरायम chatāwan.

### CHAPTER VII.—BIRTH CUSTOMS AMONGST MUSALMANS.

- 1408. The navel string (बार nār) is cut by a चमें नी chamaini, and the child is then bathed गोचल कराप्रव (غيل كرينا) yosal karāčb. Sweetmeats are then consecrated (नियाज करव (نيازكرنا) niyāj karab) in the court-yard by the male members of the family, and the milk of a respectable and virtuous woman is given to the child in a shell (चित्रवा situha). This ceremony is called दुष-पिजाद dudhpilāi. The people are then called to prayers by striking a brass pan (चारी thārī) with a stick, and this custom is called वन चल्लात (بن علوت ) ban salvāt. In South Munger it is called वा चल्लान bāng salvāt.
- 1409. The lying-in room, in which the mother (पराधीनी parsauti) is, is always kept warm with an बाँगडी angethi or movemble stove, and is called बोरी sauri, &c.; see § 1398. Caudle (पद्यानी achhuāni) is given to her to produce milk, and oil mixed with turmeric and molasses is given to her to make her strong. This last mixture is called प्रादी पूर hardi

- $g\bar{u}r$ . Until milk flows in the mother's breasts, the child is wet-nursed with the milk of the woman whose milk was given to it immediately after it was born.
- 1410. On the third day the mother and the child are bathed and dressed in new clothes, and the women of the neighbourhood come and sing songs, and receive oil and vermilion. Up to this the mother has had nothing to eat except the caudle and the mixture already mentioned, but now she is allowed to eat food and to sleep on a bed.
- 1411. On the same day the washerman takes away the lying-in garments, and the barber pares the mother's nails and shaves the child. The former operation is called नए-इस्नी nahtungi, and the latter नास तरामी (الله قراشي bāl tarāshi.
- 1412. The fees of the midwife (चमेनी chamaine), of the washerman, and of the barber, are all known as परन्धीनी के कमाइ parsauti ke kamāï.
- 1413. On the same day the lying-in room is plastered over with mud plaster. This operation is known as सोप्र जियाद soër lipāi.
- 1414. On the fortieth day the consecration ceremony (नियाज (نياز) niyēj) is again performed, and the relations are fed.
  - 1415. Circumcision is Garat khatna or Tha sunnat. See also § 386.

# CHAPTER VIII. - DISPOSAL OF THE DEAD AMONGST THE HINDUS.

1416. The burning of a corpse is दाउँ देव dāh deb, आगि देव āgi deb, दमभ क्षाच dayadh karah, or जारव jārah. In North-East Tirhut it is also चँकार देव sanskār deb, and in the south-east जरापव jarāèb. When a Hindu dies he is taken out of the house and placed on a bier. A bier is रजी ranthi generally; also दिकडी tikthi in South-West Shahabad, टाटी tāti in the east generally, टाउ dhāth in North-East Tirhut, फड़की pharki in South-East Tirhut, and चचरी chachri in South Bhagalpur. Sometimes he is simply placed on a bed (चरणाइ charpāi or खटिया khatiya). Four men, who are called मजिन्न के जानिचार majil le jānihār, or in South Bhagalpur कनन्कडिया kankathiya, carry the bier on their shoulders and set it down on the ground outside the village. This is called नगर विसर्गंव nagra bisrāñæ and is done in order that the people who are to accompany the corpse (who are called मजिन्हा majitha) may collect.

- 1417. After the departure of the corpse from the house the walls of the latter are plastered over with fresh plaster, and outside it are placed a stone, cowdung, iron, fire, and water for the unajiliha to touch on their return from the cremation.
- 1418. The four men who carried the bier take it on, when the people have collected, to the place of cremation on the bank of a river. This place is called अञ्चलन asmasān, or स्टब्ल्डी murdhatti north of the Ganges. In North-East Tirhut it is समस्याम samsān. South of the Ganges it is विराद chirār or विरादी chirāri, or to the South-East मरम्बही marghatti or सुरम्बहिया murghatiya. In East Tirhut it is also called मरम्बह marghat or सुरम्बही murghatti. They then bathe the corpse (नम्बल्याम् nahwācb or म्यानाम कराम्य asnān karācb). The heir or chief mourner (कराम karta) then has his head, beard, and moustaches shaved (मरार कराम्य bhadr karācb), and puts on a dress of mourning (जनारी utri or कपानी kaphni). He then dresses the corpse in new clothes, viz. a waist-cloth (कम्प kachchha) and a sheet, washes its mouth, and then with the assistance of the other men places it on the funeral pile. To dress a corpse in this way is कफानाम्य kaphnācb.
- 1419. A funeral pile is चिना chita generally, also चैनी chaiti in Gaya and VICI sara in Patna and the south-east. To prepare it a trench is dug in the form of a cross and four pointed logs (ver khunta) are driven into the ground at each end, and between them the logs of wood are piled. When the corpse is placed on the pile, the chief mourner (करना karta) anoints its mouth with a mixture of सुगुल quant (gum of the amyris agallocha), barley, incense (at dhap), waternut (मखाना makhāna), honey, sesamum, and sweetmeats. He then buys fire (चागि मोल लेब agi mol leb) from a डोम Dom (some, however, take fire from the house), and with it lights a long torch ( at lūka). He then walks round the corpse five times, touches its lips each time with fire (पचन्करन्मा pachkarma), and sets fire to the pile (दगध करत dagadh karab). When the body is nearly burnt, each of the persons present throws five sticks into the fire. These are known as पच-कडिया pachkathiya north of the Ganges; in Gaya and the south-west they are पँच चागि panchāgi or पँचचगिन panchagin; in Patna they are पँच ज्वाकाड़ी panchlakri; and in the south-east as पचन्काउ pachkāth or पचन्काउ pachkāthi. When the body is nearly all consumed, the fire is put out (पानि देव pāni deb) with handfuls of water, and the remaining small unburnt portion is thrown into the river for fishes and tortoises (মহ-কছ আ machhkachh la). They then wash the place where the body

was burnt, and the chief mourner (करना karta) plants a tulsi tree near by, and writes on the ground the words राम राम rām rām.

- 1420. They then bathe at another landing-place (are ghāt) and sit down. Then the area karta gets up first and walks towards home, followed by the others. When they arrive at the door of the house, they touch the stone, cowdung, iron, fire, and water already mentioned, and then their left ears, each with the little finger of his left hand. This ceremony is called are are some kān kāthi utārab. They then separate. Some castes, however, instead of performing this ceremony, simply bite a piece of bitter nīm leaf, and then go home.
- 1421. Offerings are sometimes made to the manes at the time of cremation, and these are called in South Tirhut অভ্যান বুজা asmasān pāja, or মুখ-বিজ্ঞা panchpinda.
- 1422. The day after the funeral the arrai karta goes to the place of cremation, and pours on the site of the pile a little fresh milk. This is called चिता चेराण्य chita seraëb. He then comes to the village pipal tree, where he finds the barber and the family priest (पररोडित prohit) waiting for him. The former has some fresh milk, and an earthen vessel (कंटिया kantiya) carried in a sling (चिकन्डर sikhar) of मूँज mānj rope. There is a hole in the bottom of the pot, partially stopped up with a plug. The karta haugs this up on a branch of the tree, so that its contents will drip out through the hole on to the root. He then fills it with milk and water and covers the vessel with an earthen cup (इकरनी dhakni). He then goes round the tree three times, and goes home. The whole of this ceremony is called घष्ट टाँगव ghant tangab. On reaching home he feeds his relatives with rice-milk and urid pulse, and himself eats off a potsherd (eq. ? khapri). Before commencing to eat, each person places a small quantity of rice and milk from his platter (पत्तल pattal) apart on another platter. This is called चत्राच काइब ruāh kārhab, and the whole ceremony is called दुधन्मुँ dudhmuāh or दुधन्में ही dudhmunhi, and also दुधी dudhi in South-East Tirhut.
- 1423. The same evening and every evening up to the tenth day (द्वानी daswān) after the death, the attal lights a lamp made of mud and placed on the top of a stick. The first day it is placed at the spot where the deceased died. The second day at a little distance from it, towards the door. The third day further off again, and so on, it being arranged that on the evening of the tenth day it reaches the spot outside the door where the five articles (stone, cowdung, iron, fire, and water) were placed.

This rite is called दीया बानी diya bāti, or (in East Tirhut) चुन राति sukh rāti, and in Patna चिराग बनी chirāy batti. Up to the tenth day the करना karta every day after bathing throws into the river or the well a handful of sesamum (निज til) mixed with rice and water. This is called निज्ञांचर देव tilānjur deb.

- 1424. On the third day after the death the rite of निरानी tirāti is performed, and in South-East Tirhut, on the fourth day, the अवस्थान athisanchan. On the seventh day is performed the अनः नरापन satnahāëb. In this the male members of the family touch oil and oil-cake (अरी khari), and then bathe. When they return, the females do the same, and on their return to the house they put oil and vermilion on their heads, and a little gram soaked in water (अन्तरी akuri) is given to each.
- 1425. On the tenth day is performed the rite of द्यन्तरम das karm, also called द्यन्तर्गे daswān, and in Tirhut द्यन्तातन्त dasgātr, and in North-West Tirhut द्याची dasāhi. On this occasion the male relatives shave their heads, and those who are sons of the deceased their moustaches also. Then the Brāhman who performs such obsequies, and who is called व्यापा kantāha or व्यापाम mahābābhan, comes, and performs the ceremony of making obsequial offerings पिष्ण पराप्य pinda parāčb. If the deceased is a male, this Brāhman gets as a fee all the requirements of a man (clothes, bed, shoes, umbrella, fan, dishes, lota, &c.), and, if a woman, all those of a woman. On the eleventh day offerings (पिष्ण pinda) are again made.
- 1426. Brahmans are then feasted. This is called अमन्भोज brambhoj, भोज bhoj, or कारज kāraj. Amongst Brahmans this takes place on the 13th day after the death, amongst Rajputs on the 14th day, amongst Vaisyas and amongst some Sūdras on the 16th day, and amongst other Sudras after the expiry of a month. The ceremony is as follows:—In the day-time, the परदोदित prohit or family priest performs the forer pinda ceremony, and after it the act a sits on a square marked on the ground (चौका chauka). A new turban is fied round his head, and he is dressed in new clothes. This is called पगःइते बन्हाण्ड pagri bankācb. The relatives also put into his hand an offering of money, called नेवन्ता neota. Brahmans are then fed (ब्राह्मन जेवन्नार brāhman jeonār). Afterwards, in the evening, the easte brotherhood are fed. On this day the widow of the deceased is clothed in her widow garments, which are known as रॅड्ड चारी rañr sāri, or (in Tirhut) TETT ransar. Amongst the upper castes this is a white cloth, but amongst the lower ones it is a coloured one.

- 1427. In the case of the death of a male, पिणा pinda ceremonies are performed six months and a year after death: the first is called समानी chhamāsi, and the second बराखी barkhi. When, however, a marriage has to be celebrated in the family, the ceremony is performed three months after death, and is called तिनापको के पिणा timpakhi ke pinda. On all these occasions also Brāhmans and the caste brotherhood are fed.
- 1428. When all the funeral coremonies have been performed in the orthodox way, they are called किरिया करन kiriya karm. When the body is merely thrown into a running stream, it is called परन्ता parwah or जन्मराज्याह julparwah. On five days in the month a body must be burnt with five efficies of कुम kus grass (pou cynosuroides). These images are known as कुमापुतार kusputr, and the days as प्रक panchak or प्रकार pachka. In the south-east they are प्रकार pachchak. The visit of the women to condole after a death is मुँद देखन munh dekhab, प्रकारी puchhāri, or प्रकारों puchhāro.
- 1429. Some Hindu and semi-Hindu seets and eastes bury their dead. The principal of these are Kabirhas (कविरन्दा kabirha), Saiva mendicants (खतीय atith or मन्यामी sanyāsi), Sib Narainis (मिन नार्रेनी sib nāraini), and Mushars (मुमन्दर mushar). To be buried is म्माघ (or ममाघ) जैव samādhi (or samādh) leb, and to bury is मिट्टी देव mitti deb or ममाघ में वैमाण्य samādh meñ baisācb. The body is bathed and dressed in new clothes, the necklace (कफी hauthi) and sectarian mark (निजक tilak) are put on his neck and forchead respectively, and he is seated in the grave facing the north with the feet crossed under the buttocks (पजन्यी वैमय palthi baisab) and with cakes in his hand.

# CHAPTER IX.—DISPOSAL OF THE DEAD AMONGST MUSALMANS.

1430. The corpse immediately after death is taken out into the verandah (साप्रवास sācbān) or court-yard (साँगन āngan). It is stripped and a new waist-cloth (लंगी lūngi or सङ्गी lungi) is put on it. It is then washed (गोसन कराप्रव (فَصَل كُرِانًا) gosal karārb). The man who washes has a kind of bag (called सान्ती (عافي) sāfi) on his hand, with which he wipes the corpse. He then performs the ceremonial ablution of the corpse (बज् करापव (ارضو كرانا)) waju karārb). This consists in cleaning its teeth, washing its hands, inside of the mouth, forehead, face, arms, and feet. He then dries it with a clean

- and is given to the barber, who attends to call the relations, and, when they are assembled, to look after their refreshment. A fresh waist-cloth is then put upon the corpse. Amongst the Sunnis this washing is generally done by friends of the deceased, but amongst Shias there is a special class of men who perform this work. The water with which the corpse is washed has been boiled with leaves of the at bair tree (zizyphus jujuba), and to this plain water is added. This washing is said to preserve the corpse from decay for a short time.
- 1431. A sheet is now taken, and a hole torn in the middle, through which the head of the corpse is put. The rest of the sheet hangs down before and behind. It is called भूल jhūl or कफानी (كفنى kaphni. The corpse is then laid on a bed (चारन्याद chārpāi), decently covered with a sheet, and taken to the grave-yard, which is known as कव-रिकान (قبرصتان) kabristan. The funeral itself is called जनाजा (अ) janāja. The prayers recited at the grave-yard or in the yard of a neighbouring mosque differ for men, women, and children. After their recitation the corpse is laid in the grave with the head northwards. The grave is then roofed over with bamboos or planks, over which some thatching grass (mais jhalās) is laid, which is plastered over with mud. It is then filled up with dried earth, every member of the funeral procession assisting in doing so. This is called मिट्टी देव mitti deb. Before the party leave the grave-yard, alms (बरान khairāt) are given to beggars. The man who digs the grave is a नोनियाँ noniyān, and his fee is known as कवन्र खोदाद ( قبر کهوداي ) kubr khodāi.
- 1432. For four days after the death nothing is cooked in the deceased's house, and the family is supplied with food by the relatives. On the third day the brethren all assemble in an open place and 14 or 25 sers of gram, some flowers, betel-leaf, and sharbat, are taken there. Each man then takes up a grain of the gram, and after reciting a benediction over it drops it on a cloth spread for the purpose. The benediction is called to (3) darād. They go on doing this till all the grain is exhausted. It is then given to beggars, and the sūra or chapter of the Qur'an entitled qul huwa-l-lāhu is read. Each one then drinks sharbat, takes betel-leaf, and the meeting separates. This ceremony is called by the educated for (3) kul, from the first word of the title above quoted. By the ignorant it is called via yān phūl. It is the conclusion of the funeral ceremonies.

# CHAPTER X.—CEREMONIES AT PLOUGHING AND SOWING AND TRANSPLANTING.

- 1433. In the south-west on the first day of ploughing the villagers scatter rice-flour over the plough and yoke. This ceremony is called समझत samahut. A similar ceremony is the स्टब्स्ट्रें harmahūrat north of the Ganges, also called समझत samahut in Tirhut, in which a handful (मृंड mūnth) of grain is thrown into the field at the north-west (मखार bhandār) corner. In South Munger the plough is worshipped. The ceremony is called स्रामीतर harmotar, and in it a vessel of water is poured over the plough in the name of the earth-goldess धरन्ती माद dharti māï.
- 1434. In South-West Shahabad the मृद पूजा muth pūja is the feast at the time of commencement of sowing. The villagers give handfuls of grain to the herdsman and watchman. It is also called जिन्दार पूजा dihuār pūja. In South Bhagalpur the मृद पूजा muth pūja consists in the cultivator feeding his labourers on rice and milk. On the last day of sowing breadcast, a small quantity of seed is brought back to the homestead and shut up in an earthen pot (क्डा kūnra), after which food of extra quality is prepared. This is called generally कुँड्-मृन्दन kunrmundan or कुँड्-मूनन kunrmūnan; also इर-पोधन harsodhan in Champāran.
- 1435. On the first day of transplanting rice a feast is given. This is called पहिरोप pahirop in Patns, and पहिरोप pahiropa in the south-east. In East Tirhut it is खेत भोज khet bhoj, or खेत भोजन्ती khet bhojni. South of the Ganges on this occasion the cultivators face the east and plant five vice seedlings (मोरी mori). This is called पँचाइड panchāith in Shahabad, and पवाँशी pachānti elsewhere. On the same occasion in South Bhagalpur wine, milk, fried grain, and oil are offered to the gods who protect the field from blights and mildews. This coremony is called 17 gochhi. In South Munger on this occasion a deity of the मुमन्दर mushur caste, named मुद्दनकरना Murkatwa, is worshipped. The legend about him is that a cultivator once sent this man, who was his labourer, home from the fields to get some seedlings. On the labourer's return the cultivator observed a spot of vermilion (dat senur) on his forehead, and concluded that he had been debauching his (the cultivator's) daughter, who was at home at the time, and had given the seedlings. The man was quite innocent, but the cultivator in a rage killed and hid him in the earth. He is hence worshipped as a martyr, especially by his caste-fellows.

North of the Ganges, on the first day of transplanting a feast is given to the neighbours. This is known as गवा gawa or गावा gāwa, and to give it is गवा बेब gawa leb or गवा खगाएब gawa lagāëb.

- 1436. The feast at the conclusion of rice transplanting is बौजानी aunjli in South Bhagalpur, बन्नस्य banusra or बनुसार banusār in Gaya, and बनाने uchhāri or बन्नस्य banukhāo in Patna. In Sāran, when the transplanting is over, a handful of seedlings is planted with ceremony in a corner of the field. This is called बेना बेन्सी kena dehri.
- 1437. In planting sugar-cane, before commencing, the direction of the wind is tested to judge of the probability of rain. This is called पवन परिचा pahan parichehha in the north-west. The day on which the planting of this crop, as well as of the spring crop, is commenced, is called सूट mūth, and when it has come they say सूट जागल mūth lāyal. When the planting is concluded five long canes are planted in the middle of the field. This is called पँचउच panchukh or पँचीच panchaukh north of the Ganges, and पचन्चाँड़ pachkhānr south of it.

### CHAPTER XI.--HARVEST CEREMONIES.

- 1438. When the crops are cut, some of the new grain is taken home and eaten with certain ceremonies. This feast is known as जवान newān or नेवानी newāni, or to the south-east as नेवान nemān. When the grain is collected on the threshing-floor, a cake of cowdung is placed on the top of the heap to avert the evil eye (see § 839). South of the Ganges worship is also done to the village deity or दिखावार dihwār. A similar worship in South Bhagalpur to propitiate ghosts is called दानो पूजा dāno pūja.
- 1439. The ceremony of the first cutting of the sugar-cane takes place, south of the Ganges, on the festival of the देव उठाव deb uthān or देवन्दाव deothān. This takes place on the 11th of the bright half of Kātik (i.e., early in November), and is said to be the day on which Vishnu wakes from his four months' sleep. In South-West Shahabad, on this day, the villagers tie a few canes together by the leaves, and place a neck-ring (चंचनी hansuli) on the top. They then pour perfumes over it, take the neck-ring away, and commence cutting. When the crushing of cane is begun a ceremony is performed, called fuert pithār in South-West Shahabad, समझत samahut in the rest of that district, प्रमावन petāvun

in Patna and Gaya, and प्राथम pachghan in the south-east (see also § 299).

1440. In Shahabad, on the first day of crushing cane, the villagers take some juice home to cook with rice. This dish is called रचःजाउर rasjāūr. The ceremony at the first boiling of the juice is मिटाइ mithāï in the south-west, and चिरानी sirni in Patna and Gaya. A similar worship of a god, who is called कोइडा माना Koila Māta, exists in the south-east. This god exists elsewhere as a deity protecting wells.

## CHAPTER XII.—MISCELLANEOUS.

- 1441. Among the lesser known festivals may be mentioned the following. The जरम प्रेयंड or चिरामा chirāga is, south of the Ganges, a festival held in honour of the Musalman saint मखन्द्रम साह Makhdum Shāh. It takes place on various dates in different places, e.g. in Patna City it takes place in the month of Bakrā'ul (about December), and at other places in Bārah wafāt (about March). मखन्द्रमाना makhdumāna is a rite performed in his honour by landlords.
- 1442. The कट बरन्त chloth bart is a Hindu festival in honour of the sun held on the 6th of the light half of Kātik (early in November). The दवान पूजा dawāt pūja is held by men of the Kāyasth easte on the 12th of the light half of Kātik (i.e., the day but one after the diwāli). On this day they worship their inkstands and will not touch pon and ink.
- 1443. In the north and east, on the 3rd Bhādoñ (August-September) occurs the नीज (i), on which women fast a day and night in honour of the goddess पावेनी Pārbati, and eat उन् sattu (ground parched grain) next day. On the last day of Bhādoñ occurs the चनन anaut or चनन anat, on which day both men and women fast. In the same tract the चडरा bahura is a festival on which the women eat उन sattu with sugar and clarified butter.
- 1444. The चल्रानीज akhartij in Patna, चल्रानिजया akhartijiya in Gaya, and चल्रानीन akhartit in South-West Shahabad, is the feast on the 3rd of the light half of Baisākh (early in May), on which the obligations of the spring harvest are cleared off. In South Bhagalpur it is called चल्रीनरात्या achhai tirtiya.

- 1445. On the 5th of the light half of Sāon (early in August) occurs the feast of the नाग पद्मनी nāg panchami, also known as जाग पद्मनी lāg panchmi in North-East Tirhut, नक्षण्यांचे nakpānche in Shahabad, नग्पांचे nagpānche in Patna and Gaya, and जाग्पांचे lagpānche in the south-east. On this festival the women mark their houses with lines of cowdung, and worship संग्रनाग sesnāg (the Serpent of Eternity) with milk and parched grain (जावा lāna). On the गोवर पाँचे gobar pānche, which falls on the 5th of the dark half of the same month (late in July), the same god is often worshipped in Patna instead of on the former festival. This is called विद्रारा पाँचे behra pānche in South Bhagalpur.
- 1446. गोधन godhan is a woman's rite in which they make cow-dung figures of scorpions, snakes, &c., and beat them. To the south of the Ganges, in Bhādon (August-September), the women fast for twenty-four hours and make cowdung figures of Ganes and lay brambles (भाइ भूड़ jhār jhūr) in the court-yard, saying the words अपन करन भेयक धरम भाइ भूड़ द्विधार हो appan karm bhaiyak dharm jhār jhūr ghusiāwe hī, an incantation which literally translated means, 'I cause my own fate and my brother's virtue to enter the bramble.' This incantation is supposed to benefit the speaker and her brother in some mysterious way. A similar ceremony is called करना घरना घरना karma dharma in South Bhagalpur.
- 1447. The ভিতৰিয়া jiütiya to the west and the ভিনিয়া jitiya to the east is a fast and worship performed by women on the 8th of the dark half of Kātik (late in October) for the benefit of their children.
- 1448. In Patna the festival of the holi festival (full moon of Phāgun or middle of March) is distinguished by the custom called जुकारी lukāri or जुकारी lukwāri. In this, at night, the village children throw lighted torches across the boundaries of the village into the neighbouring village. This is supposed to be lucky for the village which throws, and unlucky for the village which receives, and is a source of frequent fights.
- 1449. On the day between the 15th of Chait and the 15th of Baisakh (about the 15th of April) when the sun enters the sign of the Ram (भेड mekh), it is customary to feed Brāhmans with अनू sattu (ground parched barley), दिनोदा tikorha (immature mangos), and water, and to give alms. This feast is called the अनुन्यान satuān or अनुन्यान satuāni. In South Bhagalpur this festival is held on the last day of Chait, i.e., the last day of the

Bangāli year. On the following day there is in Tirhut a curious festival, called the जूड बोतल jūr sītul. The people bathe in water drawn the previous night and eat food cooked at that time, after worshipping चित्रका देवी Sitla Debī, the goddess of small-pox. Then from morning till noon all classes, rich and poor, cover themselves with mud, and shower it on all whom they neet. No one is free from this mud bath. In the afternoon the people go out with clubs and hunt jackals and hares and whatever animal they can find in the village. On their return home they boast of their valour in having killed this and that jackal, and the phrase जूड़ धीतलक धिपाची jūr sītalak sipāhī is used like मोद्दम के धिपाची moharram ke sipāhī to signify a braggard.

## CHAPTER XIII.—ARBITRATIONS, OATHS, &c.

- 1450. A body of arbitrators is पँचारत panchāit to the north and west. In Patna and Gaya it is पँचीत panchāt or पँचेता pancheta, and in the south-east पँचेती panchaut. The head arbitrator is called धराप्ष sarpanch, also south of the Ganges धरादार sardār or महानी mahton. In Shahabad he is also called महान mahān, and in South Bhagalpur मॅंड्ड mañrar. A caste assembly is घटार chatāi (lit. a mat), or पङ्गत pangat (lit. sitting in a row), and its head arbitrator पराधान pardhān or मानाजन mānjan. In Shahabad the man next to the chief is called the कड़ीदार chharidār.
- 1451. When one party in the case challenges the opposite party or a particular person to an oath, the phrase used is इसर करब musar karab; also ढारब dhārab in l'atna, Gaya, and the south-east. The oath may be on the ammonite (धाल प्राम sālgrām or धालिमराम salgrām), a copy of the Sanskrit इरिक्स haribans, or on Ganges water (मङ्गा जल ganga jal). When Ganges water is placed in a copper vessel with some leaves of the holy basil (Ocumum sanctum), the oath is said to be by तुल्मी ताँचा tulsi tāmba. Or a man may lay his hand on his son's head (बेटा का चिर पर चाँच ध के beta ka sir par hāmth dhai kañ), in which ease his son is supposed to die within a year if he tells a lie, or he may touch a Brahman's legs and swear by them (बाह्मन के मीर इ के Brāhman ke gor chhu kañ). In Shahabad one form of oath current is to pour forth some country liquor. This form is known as सदादन madāin. The oath taken on a cow is

known as IT fafter gau kiriya. The man who swears by this oath sometimes holds the animal's tail, and sometimes simply touches it. In these cases the man before swearing bathes and puts on new clothes. North of the Ganges the yest gurura is a circle drawn on the ground in which the man who takes the oath stands, or from which he takes the thing claimed. The belief in these oaths is, throughout the country, very genuine, but perjury is sometimes attempted. One common trick when swearing with one's hand on one's son's head is to substitute some one else for the son. The writer remembers in the year 1879, when he was in camp in Darbhanga district, a curious incident. License-tax assessments were being held, and one well-known monoy-lender offered to swear on his son's head that he lent no money. The challenge was accepted, and the oath taken. Curiously enough the son was next day seized with what was said to be cholera, and the man came to the writer, and insisted on his name being written in the highest class of assessees. This was done. It is satisfactory to know that the son recovered. Babhans are popularly supposed to have little fear of the sanction of an oath, as witness the following proverb,—vie, va. हरिबन्त से, बीच गङ्गाक धार, प्रतेक से बाभन, न ना करह इतिबार sil, sut, haribans lai, bìch gangāk dhār, etek lai bābhan tañ na karah itibār. If a Babhan swear by the ammonite, his son, the Haribans, and in the midst of the Gauges,-don't believe him.

1452. To excommunicate from easte is इक्का (or इक्का नमाकू) बन्द करव hukka (or hukka tamāku) band karab. It is also कुजान करव kujāt karab or पँचाइत में काट देव panchāit señ kāt deb. The headman of a easte is मुखिया mukhiya, चौघरी chaudhri, सर्दार sardār, or मानन्जन mānjan. Amongst the Telis and Chamārs he is also called महन्ती mahton, मेंइन्तर mehtar, or (in South-East Tirhut), मेंइड mañrar.

#### CHAPTER XIV.—MISCELLANEOUS SUPERSTITIONS.

- 1453. A wizard is बोका ojha or जादूगर jādūgar. Other names also used are चोखा sokha in South-West Shahabad, सुनी guni in North-East Tirhut, डेशा ddiya in Patna, भगत bhagat in Patna, Gaya, and the south-east, and also भगतिया bhagatiya and चिया chatiya in South Munger. His enchantments are जादू jādu or बोकार ojhāi, also भगतार bhagtāi in South Bhagalpur. A witch is डाइन dāin.
- 1454. An omen is ৰয়ন sagun, and also north of the Ganges মধুন shagun. A good omen is ৰাজ্য বাদন achehha sagun, or in Shahabad

- सुद्धम संग्रम sulabh sagun. An evil omen is कुसग्रम kusagun, also in the north-west बद्रमग्रम badshagun, and in Patna and Gaya नम्म nuhus. In East Tirhut it is धसन्यम asgun. Other names are कुमारन kusāit (an unlucky time) and कुलाना kujātra (an unlucky starting).
- 1455. There are a vast number of village gods (पाम देवता grām deota) worshipped throughout the province. The principal amongst them will shortly be mentioned. A काली अधान hāli asthān, also called देवी अधान debī asthān or देवी थान debi thān, which is a mound in honour of Kāli, the wife of Shiva (भिव Sib), is generally erected outside each village. In Tirhut under the village pāpal tree there is generally a mound, decorated with elay images of the principal personages in the epic connected with him, crected in honour of the Salhes who is mentioned in the following list. This is called a पर्वेश अधान salhes asthān. The mound creeted to a deceased Brahman or holy man is generally called a बराइम अधान barham asthān.
- 1456. The following is a list of the principal village deities worshipped in Bihār. The more well-known deities, such as ভিৰ Sib, মহাইৰ Mahādeb, ৰুক্তেম Barham (Brahma), or ক্লিম্ন Krishn, are jomitted. It will be observed that some of them are demons, who are worshipped in order to propitiate them.
  - %मन्ता भवानी Amta Bhowāni or अन्तिका भवानी Ambika Bhowāni, a form of Debi worshipped in Säran.
  - कारू बीर Kāru Bīr or कारू दाम Kāru Dās (south), also कलुचा बीर Kalua Bīr (Patna), worshipped by Doms and Dusādhs.
  - कुल देवना Kul Deota, the family god.
  - नैतुक गोसाँद Kaituk Gosānīn, worshipped in South Bhagalpur by Dusādhs.
  - कोइना माता Koila Māta, the goddess of a well spring, worshipped generally.
  - कोदर कहा Kodar Katta, worshipped by Doms in South Bhagalpur.
  - कोस Kol, worshipped in Gaya.
  - खाजे खिद्द Khāje Khidar, the patron god of the beatman (मलाइ mulāh) easte. He is also often confused with a similar female deity मङ्गा साद Ganya Māi. Musalmān women fast on every Thursday in the month of Bhādoū (August-September) and eall the fast खाजे खिद्द का रोजा khāje khidar ku roju.

देशी भवानी Kheti Bhawāni (Patna and south-west), worshipped by Koïris when they plant and cut their vegetables. In Patna a Musalmān vegetable-seller (कुँका-दा kunjra) worships राम टाक्स Rām Thākur.

गोवन्नाइ राजत Gobnāi Rāüt (north-west), a deified cowherd worshipped in Sāran and Champāran.

गोरैंबा Goraiga or गोरेखा Gorea, worshipped generally south of the Ganges, especially by Doms and Dusadhs; also called गोरिया Goriga (Patna).

चारों Ghāton, worshipped in South Bhagalpur by Dusādhs.

चतावन Chatāwan (Patna), worshipped by Doms and Dusādhs.

चिरःकुटःवा पौर Chirkutwa Pir,—see डिस्वार Dihwar.

चुरड़ माल Chuhar Māl,—see चल्हेच Salhes, worshipped in the southeast by Dusādhs.

चोद्दर Chohat, worshipped by Doms and Dusādhs.

जगन्दमा Jagdamma, the goddess of small-pox, worshipped in Patna and the south-east by Dusādhs.

जलामेन Juläsen, the protector of bearers, worshipped in Saran.

जौद्दरी बरम Jauhri Barm, worshipped in Saran.

सुनन्की बीर Jhunki Bir, worshipped in Gaya.

डमरन्डाक Damardāk (south), worshipped by Doms and Dusādhs.

डाक Dāk, worshipped in Patna, Gaya, and South Munger.

ভিদ্যাৰ Dihwār (generally), also (Sāran and South Tirhut) ভিৰন্ধেৰ ঘীৰ Chirkutwa Pīr. This is a very generally worshipped deity. There is supposed to be a separate one for each village. Every one who passes by throws a piece of cloth on his image.

हंबन्दा पीर Dhelha Pir (north) or हेब्बा गोसाँई Dhelwa Gosañiñ (south), in whose honour a heap of earth is erected on the road-side, to which every passer-by adds a clod. He protects wayfarers.

देवी Debi, the popular name of the goddess Durga.

धर-मन्नाथ Dharmnāth, an incarnation of Sib, worshipped in Sāran.

नाप्रक साचेंव Nāëk Sāheb, worshipped in Patna.

नाग Nāg, the snake god. Worshipped generally. In Sāon (July-August) crowds of women calling themselves his

wives (बाजिन nāgin) go out begging for  $2\frac{1}{2}$  days, during which period they neither sleep under a roof nor eat salt. Half the proceeds of the begging are given to Brāhmans, and the other half invested in salt and sweetmeats, which are eaten by the whole village. During the expedition several characteristic songs are sung, some of which have been published by the Asiatic Society of Bengal.

मद्यान दाद Mahthin Daï, worshipped in the south-west.

पदास बर Pahās Bar (Patna and Gaya), worshipped by Doms and Dusādhs.

पाँचो पीर Pāncho Pīr, the five saints named गाजी मीयाँ Gāji Miyān, इटीजा Hathīla, परिचार Parmār, भद्र-जा माइ Sahja Māi, and खजन भाजार Ajab Sālār. They are worshipped by Musalmān drummers (इफाजी daphāli), who during an outbreak of cholera act as village Musalmān priests. They go about, beating drums, with an iron bar wrapped in red cloth and adorned with flowers, which represents गाजी मीयाँ Gāji Miyān. They are paid in kind by the people at whose doors they stop and drum. A पँच-पिरिचा panchpiriya is a Hindu who worships Musalmān saints. In Snahabad these five saints are worshiped conjointly with three others, as mentioned in the following verse:—

श्वमन्त्रा सती, पाँची पीर, लॅंगन्ड्रा तार, सोवशना तीर Amna Sati, Pāncho Pir, Langra Tār, Sobarna Tir.

Langra Tār is simply a crooked wire which is worshipped. Sobarna Tir means the banks of the river Sobarna.

पारस नाथ Páras Nāth, worshipped by bankers (महाजन mahājan).

फुल डाक Phul Dāk (Gaya), worshipped by Doms and Dusādhs.

वसन्तीर Bakhtaur, a deified cowherd worshipped in South-East Tirhut.

बँदौननी Bandautni (Gaya), worshipped by Doms and Dusādhs.

बँदौत Bandant (Gaya), worshipped by Doms and Dusadhs.

बन्नी Banni (south-west), worshipped by Doms and Dusadlis.

वरन्दन्वनिया Barduaniya, worshipped in Patna.

बरन्दम देव Barham Deo, worshipped in Gaya.

वसावन नुंधर Basāwan Kuñar, worshipped in Gaya-

Bahor, worshipped in Patna and South Munger by Dusadhs.

विदेशी बरन्स Bidesi Barm, worshipped in Saran.

विषयन्त Bisahra, worshipped in North-East Tirhut.

भेर Bhairab or भेरो Bhairo, worshipped by cultivators in the south-east.

सकार बीर Makar Bir (north and east),—see § 299.

सन-सर राम Mansa Ram (Patna), worshipped by Doms and Dusadhs.

सनानी दानो Manāno Dāno, worshipped by Doms in South Bhagalpur.

सत्त देव Manus Deo (north and west), worshipped by Doms and Dusādhs.

सचा-दानी Maldano (south), worshipped by Doms and Dusadhs.

समान Masān (Patna), worshipped by Dusādhs and Doms.

महन्साया Mahmaya, the goddess of small-pox.

महाकीर Mahāhīr, a form of Hanumān, the monkey-king who befriended Rām.

माता दाद Māta Dāi or चित्र-ची Sitli, the goldess of small-pox.

मीर फचुचा Mir Phajula, a Musalmān saint worshipped in Sāran.

मेशू डाक Meghu Dāk (Patna), worshipped by Doms and Dusādhs.

मेश Maiya (Patna and south-east), worshipped by Mushars, Dusādhs, and Doms.

मोनी राम Moti Rām, brother of चन्हें च Sallies (q.v.), and worshipped in the south-east by Dusādhs.

रधुनी डाक Rayhuni Dāk (Patna), worshipped by Doms and Dusādhs.

रचू Raghu, worshipped in South Bhagalpur by Dusādhs.

राम टाकुर Rām Thākur, worshipped in Patna and the south-east. See also खेती भवानी Kheti Bhawāni.

राम बीर Rām Bir (Patna), or राम गोसाँदै Rām Gosāñiñ (Gaya), worshipped by Dusādhs.

Rāh or (North-East Tirhut) TIS Rāhu is a demon worshipped by Doms and Dusādhs. The ceremonies are a kind of fire-worship, in which the devotees run along a trench filled with blazing coals.

ৰীলা ভাৰ Lila Dom, worshipped by Doms in South Bhagalpur.
নিৰিলং Sanichra (south-west), a god worshipped by vegetable-sellers (নুৰো turha).

चला Salkho (south-west), worshipped by Doms and Dusadhs.

सब्हें u Salles or सबेस Sales (south and east), worshipped by Doms and Dusādhs. He was a great hero and the first watchman. He fought a battle with चुच्छ माज Chuhar Māl of Mokama, who was the first thief. A famous opic concerning him is current in Tirhut, and has been published by the Asiatic Society of Bengal.

यदः जादी माद Sahjādi Maï, worshipped in the south-west.

चिंगेसर Singesar, worshipped in North-East Turbut.

हरिराम बरन्म Harirām Barm, worshipped in Sāran.

इरिश्र नाथ Harihar Nath, in Saran, at Sonpur.

1457. A spell or charm is सुन gun or मनान्द mantr. टोटन्का totka, होडना totma, or टोना tona, are spells or charms generally with an evil object. In Shahabad they were टोटन्स totram; in Patna and Gaya they are optionally उतारा पतारा utara patara, and in South Bhagalpur निंगन्या कोरी ningchha chhori. The जिया दान jiya dan, जिबन्दान jib dan, or बिल्डान balidan, is an animal, & ..., sacrified to कानी Kali as a kind of scapegoat. In cases of sickness various articles are exposed in a saucer at a cross-road. This custom is supposed to communicate the disease to the first person who touches it, and is called जोग joy or जोग टोन jog ton, or in South Bhagalpur चोक टेम ojh tem. The contents of the saucer vary with the disease demon to be propitiated. There are generally some red चाहील orhant (hibiseus) flowers. some sand, grain, and yellow cloth. If a ghost un bhut has to be propitiated, wine, or even a fowl, is laid there. In cases of small-pox, the cloth with which the sores were dressed is frequently put out, which often makes the superstition about communicating the disease a lamentable reality. In South-East Tirbut an oblong mound studded with flags to avert cholera is called आंग्रिक āsrik. The खरोड़ा khatola (north of the Ganges) is a miniature bedstead hung on a tree as a propitiatory offering.

1458. The following is a list of some of the various demons, ghosts, and other supernatural bogies believed in in Bihār. Those which are worshipped, and which hence have been included in the former list, are omitted.

- चागि बैतास Āgi Baitāl or चित्रा बैतास Agiya Baitāl, a hideous demon which lurks in trees, lives on dung beetles, and seizes wayfarers by night.
- and wisits and seduces any man whom she may meet in a lonely place. The man dies within a few months of his yielding to the temptation. She has feet back to front, i.e., toes behind and heels in front. Hence the wise may recognize her.
- घोषर (Thoghar (north-west), a ghost invoked to frighten children.
- east), a vampire who drinks up the milk of cows and women. In South Bhagalpur he is called चोर मटका Chor Matka.
- मुहेंस Churail, also (in Shahabad) बद्धिया Bahariya, an evil spirit which assumes the shape of a bird and sits on the roof of a house which contains a pregnant woman. This injures the child.
- জিলীয়া Jilaiya or জন্তনীয়া Jahraiya (south), or (South Bhagalpur) মানিছিয়া Marchiriya, a fiend which takes the shape of a night bird, and is able to suck the blood of any person whose name it hears. Hence women are very careful about calling their children by name in the night time. If it fly over the head of a pregnant woman, the child born will be a weakling. Such a child is called জিন্তনীয়া কৈ ছয়ৰ jahraiya ke chhāul.

जिन Jin (north), a ghost, goblin, genius, 'djin.'

डूबा Duhu,—see बुड़ा hūra.

घोकर कमन्या Dhokar Kaswa, a man with a bag who carries off naughty children.

नेकी बीबी Neki Bibi (Gaya and south-west), a ghost invoked to frighten children.

पन-डूवी Pandābi,—see बूड़ा būra.

बरम विचास Barm Pichās, a kind of ghost or goblin.

ब्रे  $B\tilde{u}$  is a ghost invoked to frighten children.

बुद्धा Bāra, जुबा Dāba, or पनाजूबी Pandābi, a water-demon, who drowns travellers.

बौदेर Baupher (north), a kind of ghost or goblin.

भाइर Bhākur (north-west), a ghost invoked to frighten children.

सूत bhūt, a ghost or goblin generally.

भोकसन्दा Bhokaswa (south), a ghost invoked to frighten children.

मनुसन्देश Manusdeba (north), a kind of ghost or goblin.

मर-चिड्या Marchiriya,—see जिल्लेया jiluaiya.

माँचौँ Māñoñ (north), a ghost invoked to frighten children.

- Persia and elsewhere. It is said to be extracted from the heads of coolies who emigrate to the colonies, by hanging them head downwards and roasting them over a slow fire. The threat of extracting it from the head of a child is therefore an active deterrent.
- राक्स Rākas, the will o' the wisp; it breathes fire and misleads travellers, but it also lives in the fields, and where it resides grain is produced in abundance.
- सुखाइन Sukhra (north), also सुखेनी sukhaini (North-East Tirhut), a vampire which sucks up children's blood.
- মান Hāü (Patna), or ছদ্মা humma (South Bhagalpur), a ghost invoked to frighten children.
- 1459. The जनस्या utsary, and also (in Tirhut) काननीत्यों kānanotsary, is the emblematical marriage of a grove to a well, without which preliminary observance it is unlawful to partake of the fruit. The विराह्मानस्या birkhotsary, and also (in Tirhut) the बेदिक baidik, is the ceremony of marriage performed in the name of a bullock let loose on the 11th day of mourning for a near relative. The जानास्या julotsary is the emblematical marriage ceremony on completion of a well or tank. It is married to an image erected close by. In case of a pond it is also called नरागोनस्या turāyotsary, and on completion of a well क्योनस्या kupotsary. The latter is called in South Bhagalpur क्षम आ क्ष्म jag or कुद्याँ दान kuïyāй dān. व टोनस्परा bātotsary is the ceremony on the completion of a road. No marriage is in this ease performed.
- 1460. Water brought from a sacred river, spring, or place of pilgrimage नीर्थ (tirath), is much used in religious ceremonies, and is carried by men called कमराप्य kamarpanthu. They are also called कंपार्थ kamwārthu in South-West Tirhut and कमरायुषा kamrathua in South-East Tirhut.

### DIVISION XIII.

# TRADE, MONEY-DEALING, AND ACCOUNTS.

# CHAPTER I.-TRADE AND BAZAR ACCOUNTS.

- 1461. Trade is खेन देन len den, महाजानी mahājni, काराबार kārbār or कारोबार kārobār, बेवाहार beohār, बेयापार beyāpār or बेखोपार beopār, or बिन्न banij. In Patna City it is also बेयाहरानम beohargat. Exchange or barter is खदालाई बदालाई adlaī badlaī. A money-lender is महाजान mahājan, साह sāh or साहकार sāhukār, or बेहाबिरिया behvariya. He is also called in the country बनिया baniya, and in South-West Shahabad साब são. In Patna City he is called कारोबारी karobāri or धनी dhani. A banker is कोठीवाब kothīwāl or सराफ sarāph. A borrower is रिनिष्टा riniha, खद्क khaddak or खदुका khadaka, or खसानी asāmi. In South Munger he is also called सुजेरा mujeru, in South Tirhut बनियोटा baniyanta and धारनिक dhārnik, and in South Bhagalpur खानव khātab. In Patna the words कराज खोक karj khauk and कराज खोर karj khor are also used.
- 1462. An account-book is ৰহী bahi. A trader's account-books are called collectively ৰহী আমা bahi khāta. সাজৰ jākar in Gaya is a record of cloth sales kept by cloth-merchants. Each page of the account-book is called ব্যা panna, and also in North-East Tirhut ব্যা patta.
- 1463. The following are the books usually kept by village money-lenders:—
  - (a) The रोजन्मामन्दा rojnāmcha.—This is the day-book. The left hand or credit side of the page is known as जमा jama, and the right or debit side as नाँव nānw or नाम nām.
  - (b) The रोकड़ वही rokar bahi —Mr. Crooke's description of this is equally applicable to Bihār. It is exactly the same as the रोक-मामन्दा rojnāmcha. There is only this difference,

that it is balanced after each transaction. For example, the book shows Rs. 1,000 on the credit side; Rs. 100 are disbursed on a certain account. This is entered on the debit (बाकी bāki or बाँच nānw) side, and the book is balanced showing Rs. 900 still to credit. This is called रोकड़ बाकी rokar bāki or बाकी नड्बी किंगा tahbūl, and is again brought forward to credit. North of the Ganges it is called फाजिस phājūl. A man who carries on several distinct trades keeps up a separate रोकड़ बडी rokar bāhi for each.

- (c) The चेखा बडी lekha bahi, the खाता khāta, or खाता बडी khāta bahi.—This is the ledger, and is made up as time allows from the रोजन्नामन्दा बडी rojnamcha bahi. It contains each creditor's or debtor's account separately, with a reference to the page of the day-book on which each item has been entered day by day. Some traders keep up a separate खाता बडी khāta bahi for each of their trades or speculations, others have only one general one.
- (d) There is also the জনাভাৰে jamakharch, which is an abstract of the day-book, and is hence also called a ভানিখীনী khatiyauni, and shows the totals of receipts and payments on each page.
- 1464. Small traders generally only keep up the first of these books,—the বৌজনামন্তা rojnāmeha or day-book. Very small traders do not even keep this. They have a separate slip of paper containing each customer's account, and called বিভ chit, বিদ্বা chittha, or বিদ্বা chitthi, or মুক্তের purja or মুক্তের purja. In South Munger it is called মুক্তের sarkhat.
- 1465. Large traders, such as those in the city of Patna, with whom this work has nothing to do, keep up all the above four books. For the sake of completeness, the following information, founded on that given by Elliot in his Glossary, is added. Quoting Elliot's words (with the necessary alterations to suit local variations): "The page (of an account-book) is divided into two equal parts, called in Patna रकान rekāna: each of these is again divided into two चक्क rukan or चक्क ruku. The (first or) right-hand रकाना rekāna is called the चार्यो hāsho. The first right-hand quarter (some say half) of the left-hand रकाना rekāna is called चीरा sīra, and the remaining portion is called in Patna City

The चौरा sira contains the sum finally brought to account after the necessary deductions have been made from the gross amount in the ver peta and चारो hāsho." In reading the above, it should be remembered that it refers to accounts kept in the Persian character. When kept in the mahājni character, the terms for right and left must be reversed.

# CHAPTER II.—ACCOUNTS BETWEEN LANDLORD AND TENANT.

- 1466. These accounts are not usually kept in bound books, but on separate slips of paper, kept together in packets by a paper tape, called तवस्थक tablak or केदक kaidak.
- 1467. A tenant's receipt for rent is known as रसीद rasid or दाखिला dākhila, and in North-East Tirhut कवज kabaj.
- 1468. The system of accounts differs according as the rent is paid in kind or in cash. Hence two sets of accounts are kept up in a land-lord's office. They are the following:—
  - (a) Accounts of rents paid in kind-
    - 1. खसन्दा दानावन्दी khasra dānābandi.
    - 2. खसन्दा बटाद khasra batār.
    - 3. मोफन्रीद mophrid.
    - 4. समित laggit and वासिस बाकी wāsil bāki.
    - 5. तिरिज जिनिसःवार tirij jiniswar.
    - 6. सियाचा siyāha.
    - 7. चिमान निकारी गन्ना hisāb bikri galla.
  - (b) Accounts of rents paid in cash—
    - 8. खसन्ता khasra.
    - 9. मोफरीइ mophrid.
    - 10. समात laggit and वासिल बाकी wāsil bāki.
    - 11. तिरिज पटेवारी tirij patewāri.
    - 12. वियाचा siyāha.
  - (c) In addition to the above, the following general accounts are kept, which are applicable to both kinds of rent—
    - 13. मोखन्डकी molhaki.
    - 14. दड्डा dhaddha or जमा वासिस बाकी jama wāsil bāki.

- 15. जमावन्दी jamābandi.
- 16. जमाखराच jamākharch.
- 1469. The word নিবিল tirij, met with above, means 'abstract.' In small estates, Nos. 5, 11, and 14 are often not used.
  - 1470. The following is a brief description of the above accounts:
    - (1) The অধনে হানাৰতী khasra dānāhandi. This is the account paper drawn up in the field when the হানা dāna or estimate of the crop is being made. It contains—
      - (a) The date.
      - (b) Name of tenant.
      - (c) Quantity of land (অবাজী arāji).
      - (d) Length (নুভ tūt) and breadth (খবল araj) of the plot.
      - (c) Name of the crop (জিনিষ jinis) thereon.
      - (f) The quantity of grain estimated.
    - The निर्ज नारीखनार tirij tārīkhuār is a daily abstract of No. 1, and shows (in the case of division by appraisement) the total area of land and the quantity of grain estimated daily. The sum of all the daily entries in this paper shows the total area of lands of which the rent is paid in kind, and the produce thereof. This account is only kept when the division of the crop is by appraisement (दानाबन्दी dānābandi, see § 913). Some landlords, however, also keep it in the case of actual division on the threshing-floor, as a cheek on No. 2.
      - (2) When the division is by actual division on the threshing-floor (पारेर बढाइ agor batāï, see § 914), a प्राच्या khasra batāï is opened instead, containing the date, name of tenant, area, kind of crop, quantity, landlord's share, cesses, &c.
    - (3) The দৌদানীৰ mophrid is the bundle of papers in which separate accounts of each tenant are entered. A separate slip of paper is kept for each tenant. It is compiled from the অধনা khasra (No. 1). It shows the quantity of each kind of grain belonging to him which was

- estimated, date by date. The area of the land under each crop at each estimate is also given. When this is abstracted out so as to show the total area and total crop for each tenant, the abstract is called falter wind.
- (4) The सामित laggit and वासिस वाकी wāsil hāki are written up from No. 3, a separate slip of paper being kept for each tenant. They form a kind of ledger or personal account. The heads are as follows,—the total quantity of each kind of grain and the area of land under each. The total share claimed by all the landlords (डाकिमी हिसा hākimi hissa) is then struck off. From this the shares of the other shareholders, who keep accounts separate from the landlords whose accounts we are considering, is deducted. To the remainder the cesses and other dues (seres abwāb) are added. The total shows the quantity of grain realizable from the tenant by the landlord on whose behalf the account is prepared. This portion of the account showing the demand is called the सिमात laggit. From the total demand the quantity of grain realized during the year is set off, and the balance, if any, is shown. The whole paper showing demand, realization, and balance is called the वासिस बाकी wāsil bāki. abstract of the खिंगत laggit, showing under the head of each kind of grain separately the amount of crop of, and area of land under, that grain owned by each tenant, is called the factor within tirij laggit. The abstract of the वासिल बाकी wāsil bāki is the दक्रा dhaddha (No. 14).
  - (5) The বিশিক কিনিয়ন্তাৰ tirij jinisuār is compiled from the ভানিব laggit (No. 4). It shows in one entry for each tenant the total area he has under cultivation, and the amount of each kind of crop demanded from him.
  - (6) The বিষাহা siyāha is the day-book of receipts and disbursements of grain. An abstract of this, called the অবানেতা awārja or বানেতা wārja, shows the total receipts and disbursements, date by date.
  - (7) The স্থিয়ৰ বিক-হী নজা hisāb bikri galla is the account showing the produce of the sale of the grain received as

rent. It shows the date of sale, quantity sold, rate, and price.

- 1471. We now come to the accounts of rent paid in cash.
  - (8) **EXECUTE** khasra is the paper in which the area (i.e., and tal or length and **EXECUTE** araj or breadth) as ascertained by measurement of the lands held by the tenants in a village, together with the rate per bigha or class (**VET** patta) of each plot, is entered. An abstract of this shows the amount measured each day, while the measurement is going on, and is called facts **EXECUTE** khasra. This **EXECUTE** khasra gives only the measurement of the lands held temporarily on a cash rent, and differs from the regular **EXECUTE** khasra or measurement papers of a village.
  - (9) मोफरीद mophrid.—This is similar to No. 3, mutatis mutandis. It shows the area and different rates of rent of the various plots held by each tenant. Each tenant has a separate slip of paper, and all lands for which cash rents are paid, whether temporarily or not, are included in it. It is compiled from No. 8 and No. 10. An abstract of it, called निराम मोफरीद tirij mophrid, shows the area of land held and total rent payable by each raivat.
  - (10) समात laggit and वासिस बाकी wāsil bāki.—These are similar, mutatis mutandis, to No. 4. They are the ledger account of each tenant. Each tenant has a page, on which is shown the area of his plots, rate of each, rent of each, total area, and total rent. From this the shares of the other shareholders are deducted, and to the remainder the cesses and dues are added, together with the value of any rent in kind (द्वाव गवा damão galla), due by the raiyat which has not been realized during the year. To this again the arrears of previous years are 'added, and the total shows the demand against the tenant. The paper thus far is called the जियान laggit. From the total demand is deducted the cash rent collected during the year, and the balance is struck to be carried to next year's account. The whole paper showing demand, realization, and balance is called

the वासिस बाकी wāsil bāki. An abstract of the समात laygit, called the निरिक्त समात tirij laggit, shows under the head of each tenant separately the total area held and rent payable by him at each rate. The abstract of the वासिस बाकी wāsil bāki is the दश्र dhaddha.

- (11) The तिरिज पटेबारी tirij patewāri is the paper in which the name of each पद्म patta or separate class of land in the village is entered, showing the total area, rate, and rent of each class. The total shows the total area of land held at various rates in the village. This paper is compiled from No. 10.
- (12) The বিষয়ে siyāha is the same (mutatis mutandis) as No. 6. In this the daily receipts and disbursements in cash, including the price of grain sold, are entered. It is, in fact, a cash-book. An abstract of this, called the খ্ৰান্ত্ৰা awārja or বাজ্জো wārja, shows the total expenditure day by day.
- 1472. The following accounts are applicable to both kinds of rent.
  - (13) The মাজাৰকী mollaki is a ledger account for each tenant, showing date by date all payments (whether in eash or kind) made by him. It is compiled from the ভিয়াছা siyāha. An abstract of this, called বিশিষ মাজাৰকী tirij mollaki, shows the total payments made during the year by each tenant. The totals of this should agree with the total of No. 12 (the ভিয়াছা siyāha) on the receipt side. It hence serves as an abstract of the receipt side of No. 12, while the ভ্যাকো avārja is the abstract of the disbursement side.
  - (14) The दशु dhaddha is also called the तिरिज वास्ति बाकी tirij wāsil bāki or जमा वास्ति बाकी jama wāsil bāki. It shows the name of the tenant; area of his holding at each rent; amount of rent; additions on account of cesses, unrealized grain rent and arrears of previous years; deductions on account of shares of other shareholders; deductions on account of eash rent realized; and balance. This paper is in fact an abstract of the बास्ति बाकी wāsil bāki (Nos. 6 and 10). The latter shows the accounts of each tenant separately,

whereas the ayr dhaddha shows all the tenants' accounts on one sheet of paper. This form of account is according to Field* said to have been invented by Udhmant Singh, of Nassipur, in the district of Murshidabad, in order to enable the zamindārs to represent the collections as they pleased to the Muhammadan Government.

- (15) The जमाबनी jamābandi is the paper in which the total annual demand of the village on account of rent is entered. This paper does not usually show illegal demands from the tenants. These are generally shown only in the जमाखरूच jamakharch (No. 16).
- (16) The जमाखराच jamākharch is the final annual abstract of the financial condition of the village. It shows the total demand, realization, and balance of the year in more or less detail. The demand side shows the balance of previous year, the total demand according to the जमाबन्दी jamābandi (No. 15), and other items of demand (such as fines, illegal cesses, &c.) which do not find their way into the latter. The total is the grand total of the demand for the year. This demand is on the other side of the account again divided into money spent and balance. The money spent includes the portion of the realizations which are forwarded to head-quarters, and the portion of realizations spent on the village and on miscellaneous expenses. The balance is made up of realizations in hand, and for which the village official or the grain-merchant is responsible, and of landlord's unrealized demand, the latter of which is given in detail. Some landlords have two copies of this paper, -one for their own information, containing the illegal cesses, and the other excluding them, so as to allow of its production in court.
- 1473. In the appendix to this work are given translations of the various forms of account as kept by a Patna landlord.

# CHAPTER III.-INTEREST, DISCOUNT, AND COMMISSION.

- 1474. Discount and commission are generally महामी salāmi. वश batta is also used south of the Ganges. In Patna they are also called पिरना phiranta. वहन्ती barhti is a premium. एकर्ट् sakraī is a commission of 3 or 6 pies per cent charged by the acceptor on accepting a bill. नकर्ट एकर्ट nakraī sakraī is a charge at 8 ānās per cent. on a drawer of a bill when his bill is not accepted. जावना पाच जोग jābta sāh joy is a commission at one anna per cent. when the bill is accepted in favour of a banker. इंडियावा hundiyāna or इंडियावन hundiyā van is commission on a bill-of-exchange (इन्हों hundi). Factorage, or the commussion (of one or two pice per rupee) taken by a servant on goods bought for his master is दस्री dastāri, or, more commonly, एक phal. दलाजी datāli is brokerage.
- 1475. Interest is स्ट्र sūd. Interest in kind, paid on seed-grain, is साधी āghi to the west and in South-East Tirhut. In South-West Shahabad it is खगजन agwan, and in Patna हाड़ा chhāra or कहीर karhaur. North of the Ganges generally it is also called सवाद डेही suvāi derhi, in allusion to the rate at which the principal is lent. In the south-east it is वियाज biyāj. Elsewhere वियाज biyāj or विद्याज beāj is interest on money, which in the south-east is स्ट्र sūd. खगज asal or स्र mār is the capital lent out at interest; but in Shahabad it is also स्च mūl, and in the south-east स्ट्री पेया sūdi rupaiņa. सीनाफा monāpha is profit. It is distinguished from interest (which is unlawful for them) by strict Musalmāns. Amongst others, however, the two terms are convertible. Other words for profit are परीन स्ट्री barhotri or नाफा nāpha in Shahabad, नफा napha or रन-विफा मांगिकित to the west, रन-नाफा intāpha in the south-east, and बचिन bachit in Patna, Gaya, and South Bhagalpur.
- 1476. पैचा paincha or इयन्प्रेर hathpher is a loan when the exact thing is to be returned. A local variant is पैच painch in South-West Shahabad. It is also called उधार udhār, which properly means a purchase on credit. करःचा karja is a money loan. This is also called south of the Ganges करःचा karj, करःचा स्वाम्यक्रिता, and पैचा paincha. रसमार्ग्य dasgardān or (amongst the educated) रसमार्ग्य dastgardān is a temporary loan without interest. रमाप्त्र hathpher or (in Shahabad) रूप उभार hanth udhār is also used in this sense.
- 1477. A debtor is खडुका khaduka or खडामी asāmi. Local names are खडुक khadduk in Gaya and the south-west, मुजेरा mujera in Patna, and खातव khātab in South Bhagalpur. A defaulting debtor is जमामार

jamāmār, also यनः भार thanmār in Champāran and South-East Tirhut, मज्ञानार malmār in South-West Tirhut, and येजीनार thailimār in South Bhagalpur. Other names are जाज khāu in Saran, जोकार khaukār in South-East Tirhut, and ना देइन na dehan in Patna. The educated say ना देइन na dehand. Outstandings are ज्ञाना lahna. A bad debt is जनाज जाता gatāl khāta in Patna and the north-west, and गयाज जाता gayāl khāta in Gaya and the south-west, of which गेज जाता gail khāta in South Munger is a variant. In South-West Shahabad it is also said to be गयन्ताज gaptāl, in Tirhut they say बृद्ध में के būral bhelai, and in South Bhagalpur ज्ञा गेज dūbo gelai. When an animal or other property is pledged for a debt, it is called to the north-west and in West Tirhut जावन lāwan or जावन मावन lāwan jhāwan. Elsewhere it is भरन्ना bharna or रावों giron.

1478. To borrow money is स्द्र पर रापेश काइब (or काहि खेब, or काहि लाएब) sūd par rupaiya kārhab (or kārhi leb, or kārhi lāëb).

## CHAPTER IV.—RATES OF INTEREST.

- 1479. A rate of interest is दर dar. The following are the rates of interest charged. Interest at one per cent. is दपे सेकन्द्रा rupai saikra, at two per cent., दू वपे सेकन्द्रा du rupai saikra, and so on:—
  - (1) উত্থা derha, উত্থাত্বা deorha, or in the south-east উত্তিয়া deurhiya. This is fifty per cent., e.g., a man borrows five maunds of grain at sowing time and repays 7½ maunds at harvest, without reference to the selling price at the time of borrowing or penayment. This is confined to transactions in grain.
  - (2) भवाइ sawāi or भवेषा sawaiya is twenty-five per cent. as above.
  - (3) বিকাশী ক মাৰ bikri ke bhāo (north), or মাৰ কা মাৰ bhāo ke bhāo (south), also অধন ক অধন asal ke asal in the southeast.—In this grain is lent, and at harvest time an equivalent in grain to the real money value of the grain lent at the time of borrowing is returned.
  - (4) खगानी lagāni is giving one rupee's worth of grain and after six months receiving back one rupee two annas worth. In South Tirhut it is also called अवस्त्राची athrahui.

- (5) परी रपेशा paise rupaiya is money interest at one pice per rupee per month. So डेड पेरी रपेशा derh paise rupaiya is one and a half pice per rupee per month.
- (6) হক-ছী takhi is money interest at two piec or one হকা taka per rupee per mensem. In the south-east it is also called অধ্যন্ত্ৰী adhanni.
- (7) गॅडन्डी gandhi is money interest at four pice per rupee per month.
- (8) चरचन्नी charanni is four annas per rupee per annam.
- (9) पचचही pachanni is five annas per rupee per annum.
- (10) ছবছনী chawanni is six annas per rupee per annum.
- (11) किस kist or किस बन्दी kist bandi is when the total of principal and interest is repayed within a stated time by fixed instalments.
- 1480. The first money received by a shopkeeper during the day is बोइनी bahni; also बोइनी बद्दा bahni batta in Patna and Gaya, and बनन्दाद banhāi in South Bhagalpur. In Patna City it is गँडीट ganthaut or गाँडा gāntha. A pledge or deposit is निर्में girañ, in Shahabad निर्में girañ, in the south Munger it is निर्में girañ, in Shahabad निर्में girañ, in the south-west of that district निर्में गाँड girañ, and in South Bhagalpur गिरमी girmi. पुरिया puriya, or in East Tirhut पुरम्मा purja, is a sealed or fastened-up deposit. जाकड़ jākar is goods which are taken away for uso, if required, at a wedding, &c. The price is fixed before hand. If the goods are used, this is paid; if they are not used, they are returned, and a pice or two per rupee is paid to the shopkeeper.

### CHAPTER V.-MORTGAGE.

1481. A pawn or mortgage is रेडन rehan, बन्धिक bandhik, or मक-पूज makphāl. It is also निर्दे giraiñ in Shahabad, and निर्मी girmi in South Bhagalpur. मक-पूज makphāl is more usually applied to mortgage of land, and the other terms to pawning of moveable articles; but this distinction is not universal. A mortgagor is राडिन rāhin, and a mortgagee is स्रान्दिन murtahin, but these words are seldom used. The villagers prefer to use words like खडुका khaduku, खडुक khadduk, or

चनानी asami for the former, and मचाजन mahājan for the latter. In Patna a mortgagor is मुजेरा mujera, and in Shahabad a mortgagee is बेव-चिर्या beohariya.

and interest are extinguished by being paid out of the profits of the land mortgaged for a fixed period, is परीका patana, परीका valua satana patana, or सभीका परीका sadhana patana. सह भरना sād bharna is similar, but the usufruet is only instead of interest, the principal remaining to be paid by the mortgagor. A विकासका (ابيع بالرقا) bai bil wafa is a mortgago of property for a fixed period, in which, if the total debt is not repaid within the period, the property becomes the mortgagee's in satisfaction of the debt. Money advanced on the security of standing crops is to the north काली lāyi.

### CHAPTER VI.-MISCELLANEOUS.

- 1483. An invoice or manifest is बीज क bijak, and also to the east चिट्ठा chittha or फिरिस phirist. Insurance is बीमा bima, with a variant बींबा biñwa in Shahabad. In the south-west of the latter district it is इन्हा भारा hunda bhāra. Something additional given to a purchaser is north of the Ganges चलुका ghalua or साम साम lahin sābh. In South-East Tirhut it is also TH lābh, and in South-West Tirbut बरन्कत barkat. South of the Ganges it is generally फाव phāo or पिक्चा pichhua. A variant of the latter is पक्चा pachhua in the south-east. Another name is चुटन्की chutki in Patna. जग jūg is similarly used by women when making petty purchases, especially of vermilion (इसर senur) and collyrium (किस्सी missi). Other names for this are मॅगुन्नी mangni to the west and in South Tirhut, मॅगुन्नी चँगानी mangni changni in Patna, जाया घोजी lawa gholi north of the Ganges generally, जाना दूचा lāwa dūa in South-West Tirhut, and भारती danti. बंबाना beana or बयाना bayana is a handsel given by the buyer to the seller to secure his purchase.
- 1484. गमा galla is at hole in the ground or a bag under the shop-keeper's seat in which he keeps his money. To test coin is वृक्षव būjhab, ठोकव thokab, परन्खव parkhab, जाँचव jānchab, बजाप्रव bajāöb, or चंकन्वव anknab. In the south-east it is परेखव parkhab. A moneytester is परन्खी parkhi or परिखया parakhiya, or काइन्वेया jachwaiya. In the south-east he is परिखया parakhiya. In Patna he is परिख parkh.

and in Gaya रोकरिया rokariya. To test the correctness of scales is साध जैव sādh leb. In Patna and the south-east it is भारा करव dhāra karab, and in Shahabad पासँघ देखल pāsangh dekhal. To test a weight is ताड़व tārab or साधव sādhab.

- 1485. Capital is पूँजी pānji or पृञ्जी punji, and capital out at interest is विधाज biyāju or विधाज beāju. It is also called स्ट्री वपेशा sādi rupaiya. The adjustment of accounts is वृक्षार्थ bujhārath north of the Ganges, and सफाई saphāi south of it. In South-West Shahalad it is बुक्तीना bujhauta. To test the entries is जाँच देव jānch ab or मिला देव mila leb. The testing is in Shahabad जाँच मिलान jānch milān. A release in full is फार खनी phārkhatti or फर खनी pharkatti. In the north-west they say in such a case समन्तान हो गेंच bhubhtān ho gail, and in the east of Tirhat they say his account is राफ साफ rāph sāph, and in Patna that it is विवास भेस bebāk bhail. In Patna they say वही पर से नाम उत्तर गेंस baht par se nām utar gel, and in South-West Shahabad नाम घेरल गेंस nām gheral gail, alluding to the custom of encircling the name with a line when the account is cleared off.
- 1486. To become bankrupt is दिवाला निकास divāla niksab, or दिवाला सुध जो जाएव divāla sudh ho jāib. To make a man a bankrupt is दिवाला निकास divāla nikāsab. A bankrupt is दिवालिया divāliya. In Tirhut they would say of such a man माक उचार गेलेल्डि sāk ukkar gelainhi, or दिवाला उचारि गेलेल्डि divāla ukkari gelainhi. In all the above the word may also be spelt देवाला devāla. In Patna they say जोत्र राट उज्जार है okar tāt ultul hai, in allusion to the custom amongst bankers of a bankrupt turning up one corner of his mat and sitting on it, as a notice of his condition. The action is equivalent to putting up the shutters in England. In connection with this it may be mentioned that Patna is famous for its bankrupts, as in the lines commemorating the three rascals of Bihār:—

भागचन्पूर के भगे जिया, कच जन्माँव के ठम, पटन्ना के दिवालिया, तौनी नामन्जद, सुने पावे क्षपन्दचिया, तौनो के तूरे रग.

Bhāgalpūr ke Bhageliya, Kahalgānw ke thag, Patna ke diwāliya, tīno nāmjad,* Sune pāwe Chhaprahiya, tīno ke tūre rag.

The Bhagels of Bhagalpur, the thags of Colgong, the bankrupts of Patna, are all famous (sharpers); but if a man of Chhapra hears this, he will beat them (lit. burst their veins) all (at their own weapons).

1487. A bill of exchange is इन्हों hundi or इन्हों पनी hundi patri; also in Gaya and the south-west पतारी patri. The duplicate of the bill is पैंड painth. Also, in Patna City, पेड peth. The third duplicate is परमेंड parpainth or परमेंड parpeth, and the fourth जिकारी jikri or जिन्नारी jigri. This last is also a letter to a person other than the drawer for the acceptance of his endorsement by the drawer. A letter of advice is समाचारी चिट्टी samāchāri chitthi. A bill payable at sight is दरमने darsani. In Patna such bills by custom bear eleven days' date. If payable after a future date, it is मियादी miyādi or मुदती mudati. One payable five days after sight is called पडेंच परमान pahunch parmān or (in Patna City) पडेंचे दाम pahunche dām. The address at the head of a banker's letter is जोग jog or सिरानामा sirnāma. A bill paid and discharged is खोखा khokha. In Patna it is also सगन्नाम bhuytān, and north of the Ganges समन्नाम bhubhtān. To accept a bill is समारव sakārab. The date on which a bill falls due is called मिनी mitti, which indeed in mercantile transactions is the general word for dates of all kinds.

1488. A warehouse is गोदाम godām. इराजा harja is demurrage. महत्त्वल mahsūl or मास्रल māsūl is customs, postage, or railway freight, &c. A price-current is निरख नामा nirakh nāma. Cash or specie is नगद nagad, मगन्दी nagda nagdi, or रोक rok. पानामा pāwna is a claim, and रमीद rasīd a receipt टकामा taksāl is a mint. Merchandise is मौदागरी के मास saudāgri ke māl. Imports are धामन्दनी āmdani, and exports रफननी raphtani.

## DIVISION XIV.

### WEIGHTS AND MEASURES.

### CHAPTER L-MEASURES OF LENGTH.

1489. The बहुन angul is a finger-breadth, equal to about two-thirds of an inch. The width of the four fingers of one hand, i.e., four बहुन angul, is called a चौचा chaua. Instead of this, a measure is used in Shahabad called मुद्रा muttha, which is the width of the closed fist. Twelve finger-breadths make one span, which is विचा bitta or विजया bilasta, or to the north-east विजय billast, to the south-east विजय bilast. South of the Ganges a still smaller scale is current. A द्वन sût is the thickness of thread.

- 3 सृत sūt = 1 पैन pain. 3 पैन pain = 1 finger-breadth.
- 1490. In Shahabad and the south-east a finger-breadth is नस्र tassur. In Shahabad and Patna in measuring wood, however, a नस्र tassur equals two finger-breadths, and fourteen of these make one गंज पूर्वा or दाय hāth (wood measure). Twenty-four finger-breadths, or six पौचा chaua, or two चिना bitta, make one दाँय hāth or दाय hāth, which is a cubit. The दाय hāth is the standard from which the others are taken, and varies from 15 to 20 inches in length, 18 inches being the average.
- 1491. Two cubits make one डेग deg or pace, and also one गज gaj or yard. A गिरह girah, गिरेह gireh, or गिरे gire is the length of the forefinger, and 16 go to a गज gaj. Another name for a गिरह girah is कनःवाँ kanwān in Patna and Gaya. Three गज gai or six cubits make one जमा lagga or इस्मी laggi, which is also called बाँस bāns

south of the Ganges, and जहा lattha in South-West Shahabad. Another गंज gaj is the चिक्रन्दरी गंज Sikandri gaj, also called बरा गंज bara gaj or बड़का गंज barka gaj, which is 2½ cubits north of the Ganges and 48 fingers or 2 cubits south of it. It was the yard used in land measuring until Akbar's time, and properly equals 26 inches, but has become in the village mind confused with the बरा गंज bara gaj. This is the tailor's yard, and is called by them जनहें गंज kataī gaj or क्ली गंज katti gaj. Akbar introduced as the standard measure of the empire the इलाही गंज ilāhi gaj, equal to  $33\frac{3}{4}$  inches, which is still in use in the North-West Provinces.

- 1492. In South-East Tirhut and Patna भाष dhāp equals देत deg or करम kadam, a pace, but elsewhere north of the Ganges and in the south-east it is about half a कोष kos; see below. Another name of this last is मैस mail or मीस mīl, a corruption of the English 'mile.' The रस्ती rassi or रम-री rasri is equal to 20 समी laggi or 120 cubits. In South-West Shahabad 70 cubits make a रस्ती rassi. Generally 60 रस्ती rassi make one कोष kos, but in South-West Shahabad it is 50 रस्ती rassi. The कोष kos varies greatly in length in different districts. An ordinary कोष kos is however 60 रस्ती rassi, 1,200 समी laggi, or 3,600 गम gaj or yards, or 80 yards more than two miles. The गौकोष gankos is a vague measure of distance, as far as a cow's bellow can be heard. A कम कोष kachcha kos is a short कोष kos, and भाष dhāp (see above) is generally about a mile.
- 1493. A cubit used in measuring earthwork and well-sinking is নামো tarha to the north-west and অনির khanit (literally, digging) in the south-west. In South-West Shahabad and South-East Tirhut it is দুলা khanta. In Gaya it is নামো tarra, and to the south-east নিজনালী gilandāji (which means simply earth-work). In digging a well the depth is measured in men's heights, called पूरिष pūris, &c. See § 923.
- 1494. The following table shows the relative value of the principal measures of length.

				3010135 ()	I DEMO	ın.			427
Sat or thread.	, so	60	36	108	216	25°F	1,296	25,920	1,555,200
	Pain		12	98	23	#	453	8,640	518,400
		Anguli, or finger-breadtn.	4	21	77	8 <del>4</del>	# #	2,84.9	172,800
			Сћаца	က	မ	2	98	052	48,200
				Eltu er span	ы	-41	21	Offic	14,400
					Hoff or cubit	01 •	9	021	7,200
					1	Goj, 01 yard	က	3	3,600
							Layy,, or r.d	20	1,2(10
						'		R.188i	99
									2 mile

### CHAPTER II.-SUPERFICIAL MEASURE.

- 1495. The पक्षा विगन्दा pakka bigha is fixed at 14,400 square feet, or 1,600 square yards. It is therefore a little less than \frac{1}{2} of the English acre of 4,840 square yards. The कच्चा बिगन्स kachcha bigha varies in every pargana; it is generally smaller than, but is sometimes larger than, the standard. The foundation of the size of the bigha is the समी laggi (see above, § 1491), which varies greatly in the number of cubits which it contains. A square ज्यों laggi is a घूर dhūr. Twenty घूर dhūr make one कहा kattha, and 20 कहा kattha make one विगन्हा bigha. In Shahabad a कहा kattha is called a विसन्ता biswa. In East Tirhut a विगम्हा bigha is also called करी kūro. North of the Ganges 4 पाइ pāi make one धर dhūr; south of it-
  - 9 square चौचा chana make 1 sq. हम deg or कदम sadam.
  - 1 sq. घर dhūr.

### CHAPTER III.-MEASURES OF PROPORTION.

- 1496. Proportion is generally expressed by saying so many annas in the rupee. Thus 10 annas in the rupee = 10:16; 4 annas in the rupee = 1:4; 8 annas in the rupee = 1:2; and so on. In calculating proportionate shares in estates, two systems are in vogue. In both the estate (मौजा manja or कहान mahāl) is the unit. In one system the following is the scale:-
  - 1 मीजा manja or महाल mahāl=16 चाना āna.
  - 1 चाना  $\bar{a}na = 20$  दाम  $d\bar{a}m$ .
  - 1 दाम dām = 20 कोडी kauri.
  - 1 कौडी kauri = 20 बौड़ी bauri.
  - 1 बौडी bauri = 20 फौडी phauri.
  - 1 wiel phauri = 20 del rauri.

The other system is as follows:-

- 1 मीजा manja or महास mahāl = 16 चाना āna.
- 1 चाना āna = 12 पार pāï.
- 1 पार pāi = 20 कराँन kurānt. 1 कराँन kurānt = 20 मगुँन masānt.
- 1 मसाँस masant = 20 डिस-मिस dismil (? = decimal).
- 1 दिसामिन dismil = 20 विभागित bismil

The first system is called the Hindūstāni, and the second the English system.

### CHAPTER IV.—MEASURES OF WEIGHT.

1497. 25 दाम dām are counted to the pice (पैसा paisa). A दमन्दी damri is a nominal coin equal to 31 दाम dām. The बदी addhi is half a दमन्दी damri. The दक्षा takka or दक्षा taka = 50 दाम dām or two pice, and the खंखा adhela or (in South-West Shahabad) खंखान्या adhelaha, is 12½ दाम dām, or half a pice. The दोकान्दा or दोकान्दा dokra or बदाम chhadām is 6¼ दाम dām, or ¼ of a pice. A pice is also called देव्या dhebua or (in Gaya) कच्चा kacheha. The बदाम chhadām or sixteenth part of an āna is also called कनावद kanuaī, कनावा kanwān, or खटाँक chhadāmk. The following table will make this clear:—

Däm.	హే	<b>?</b>	₹at	25.5	50	100
	Damri.	Ø	4	g#X	16	83
		Спћадат.	\$1	4	α0	. 16
			Adhela.	<b>41</b>	4	œ
			gademaning allers and the company of the first to the	Paisa or pic.	ea	4
				•	Taka.	69
						Ána or anna.

1498. In weighing, the third ratti of 1.875 grains Troy is taken as the standard. From this the following scheme may be drawn up:—

8 रती ratti = 1 सामा māsa = 15 grains Troy.
12 सामा māsa = 1 तोना tola = 7 dwt. 12 grains Troy or the weight of one rupee.

5 नोसा tola = 1 कनवाँ kanwān or चराँक chhatānk = 1oz. 17 dwt. 12 grains Troy.

16 कनावाँ kanwān or कराँक chhatānk = 1 स्र ser = 21b. 6 oz Troy.
40 स्र ser = 1 सन man = 1001b. Troy = 82.2861b.

Avoirdupois. This is the standard सन man or maund, and 27.222 of these go to the English ton.

For larger weights the  $lac{1}{3}$  ser is the standard. In local bazārs it varies greatly, not only according to locality, but according to goods sold. The bazār  $lac{1}{3}$  ser is named as containing so many  $lac{1}{3}$  ganda, a near ganda consisting of four  $lac{1}{3}$  tola or sometimes four pice, and being a constant quantity.

1499. In weighing gold, jewels, &c., the standard is the red seed (abrus precatorius) called the কৰেলনী karjani, ভাত lāl, or কছা নৌ kuchchi ratti. It is said to weigh three barleycorns (লী jau).

The jeweller's scale is as follows:-

3 on jau = 1 enter  $l\bar{a}l$ .

4 ditto = 1 रती ratti.

2 जाज  $lal = 1\frac{1}{2}$  ्भी ratti.

4 रत्ती ratti = 1 चौरत्ती chauratti.

51 ditto = 1 un anni.

8 ditto = 1 मासा māsa, मसा massa, or मसिका masika = 15 grs. Troy.

 $10\frac{1}{2}$  ditto = 1 दुषशे duannı.

8 दुषद्वी duanni or 10 द्व साधा māsa = 1 दक dhak or (in South-West Shahabad) दाका dhāka, which is the weight of a rupee = 6 dwts. 6 द्व grs. Troy.

12 मारा māsa = 1 मोसा tola = 7 dwts. 12 grs. Troy. Here it will be seen that the jeweller's rupee is less than a tola.

1500. The following weights are common throughout Bihār:—

ver chhatanki =  $\frac{1}{16}$  of a ser.

सधन्परं adhpai, सधन्पाज adhpāü, or सधन्पीसा adhpaua = i of a ser पाव pāw, पावा pāwa, or पौसा paua = i of a ser.

चयन्सरा adhsera or चसेरा asera = 1 a ser.

तिनन्पीचा tinpaua = 3 of a ser.

सबैधा sawaiya, properly 11 ser; really 1 of a परेती pase-i.

हेंड हेर derhseri = 11 ser.

बहा arha, बहैया arhaiya, properly 2½ ser; really ½ of a पदेरी paseri.

तिन-वेरा tinsera or तिन-वेरी tinseri = 3 ser.

चरनीरा charsera or चरनीरी charseri = 4 ser.

पहेरी paseri, also (in Shahabad) पन-सेरा pansera, or पन-सेरी panseri.

This is properly 5 ser, but varies greatly. It is usually said to be 7 ser kachcha, but is sometimes only 5 or 6. Vegetable-sellers generally call it 6 ser.

and dhāra = 10 ser. In Shahabad it sometimes means 5 ser.

# APPENDIX.

# FORMS OF ACCOUNTS USED IN A LANDLORD'S OFFICE IN PATNA.

1.

# खमन्दा दानाबन्दी Khasra Danabandi.

YEAR.-

Khasra Dānābandi of the

Crop in the Estate of

DATE .--

Name of tenant.	Length.	Breadth.	Area of plot.	Kind of crop.	Amount of crop estimated.
				•	

### 1a.

# निरिक मारीखन्यार Tirij Tarikhwar.

YEAR,-

Tirij Tārīkhwār of the Khāsra Dānābandi of Village

-	Date.	Total area of crop estin	nated.	Cotal amount	of crop	estimated.
				- management of the same of th		
_		1				

### 2.

## खमन्दा बटाइ Khasra Batāï.

YEAR .--

Khasra of Division of

Crop in the Estate of

DATE. -

Name of tenant.	Λrea.	Kind of erop.	Amount of grain.	Landlord's share.	Dahiyak.*	Pansera.†	Total of columns 5 to 7.
,			: ! !		\ \		

2a.

# Abstract of the above.

(1)	Date	***	***	•••	/	
(2)	Area	•••	•••	•••	\	
(3)	Total ar	nount of	grain	•••		
(4)	Landlor	d's share	•••	•••		
(5)	दहियत	dahiyak*	•••	•••		In the original, the columns
(6)	परसंदा	pansera†	••••	***	\	run across the page
(7)	Total	•••	•••	•••	}	instead of from top
(8)	सोनारौ	son <b>ar</b> ī (w	eighman's	fees)		to bottom.
(9)	गञ्च यफ	जूद ganj	aphjud‡	•••	\	
(10)	बहा bar	rhi§	•••	***	\	
(11)	मुंद्री इव	$ddhi \parallel$	***	•••		
	Total		•••	•••	/	
			•			

[•] Vide foot note to form (5).

[†] After the division of crop, dahiyak is added to the landlord's share, to which again 5 seers at added, that quantity being taken from the tenam's share under the name of pausera.

[‡] Grain found in excess at the time of second weighment on the floor after the grain has been taken over by the landlord.

 $[\]S$  Grain found in excess at the time of third weighment, when the grain has been carried to too landlord's granary.

Grain found in excess owing to swelling, &c., when the whole amount of grain stored has been sold off.

3.

# मोफन्रीद Mophrid.

YEAR,-

# Mophrid of the Rent in Kind for the

Crop.

NAME OF TENANT,-

Date of Estimate.	Area.	Amount of Crop.
	Paddy Sown Broade est.	
Date of Estimate.	== == ·	
	Area.	Amount of Crop.
		Í
		1
	Bāsmatti Paddy,	

and so on for every kind of grain in the tenant's holding.

Total Arcs.	Total Amount of Grain.

3a.

# Abstract of the last.

### YEAR.-

Name of Tenant.	Total Area.	Amount of Crop.
	- The state of the	

# 4.

# स्रामात Laggit and वाचित्र बाकी Wāsil Bāki.

### YEAR.

Laggit of Rents Paid in Kind for the Whole Year.

### NAME OF TENANT,-

Kind of grain.	Arca.	Total grain.	Share of landlord.	Dahiyak.*	Total due.	Realized.	Balance.
			•				

^{*} Nee note to form 5.

4a.

# Abstract of the last.

# YEAR. -

# Black Paddy.

Name of Tenant.	Arca.	Amount due.
		1

# White Paddy.

Name of Tenant.	Area.	Amount due.
Annual State of the State of th	and at a second company to produce on the second of the se	
		i i

### 5.

# तिरिज जिनिसन्वार Tirij Jiniswar.

#### YEAR.-

### Tirij Jiniswar for the Village of

- 1. Name of tenant.
- 2. Area under cultivation.
- 3. Grain duc.
- 4. Dahiyak.*
- 5. Total.
- 6. Amount of maize.
- 7. Ditto of marua.
- 8. Ditto of sathi paddy.

And so on, a separate column being allotted to each crop.

In the original, the form runs across the page in columns, and not from top to bottom.

6.

# मियाचा Siyāha.

### YEAR, -

# Day-book of Reccipts and Disbursements of Grain. Date.—

Receipts.	Amount.	Disbursen	ent <b>s</b> .	Amount.
From so and so—  Sāthi paddy 5 maunds  Broadcast paddy 2 "	7 maunds	Sent to the landlord Sold, viz	•••	•••••
From so and so	******	Total Mds.	•••	
Total Mds		Balance Mds.	•••	

^{*} This is the amount the landlord receives in addition to his half share. South of the Ganges he generally realizes 5 see per man, i.e. he receives 9 see in every 16 see, the tenant's share being 7 ser. This division of crop is called " नौसना nansatta," i.e. 9—7 See § 1906.

6a.
Abstract of above, or चवारन्ता Awārja.

RECEIPTS.		Expenditure.		
Date.	Amount of Grain.	Date.	Amount of Grain.	
			,	

7. चिसाब विकन्दी गुझा Hisāb Bikri Gulla.

### YEAR.~

Date.	Amount sold.	Rate.	Price realized.

#### खसन्सा Khasra.

#### YEAR.-

Khasra showing the Measurements of Lands let at Cash Rates in the Village of

DATE.-

Name of Tenant.	Length.	Breadth.	Area.	Class of Land or rate per bigha.

#### 8a.

Abstract of the above.

#### YEAR.-

Tirij Khasra showing the Measurements of Lands let at Cash Rates in the Village of

Date.	Агеа.
-	

## मोफग्रीद Mophred.

Mophrid of the Lands paying Cash Rates in the Village of

YEAR.-

NAME OF TENANT .-

At Rs. 4 per ligha.

Date of Measurement.	Area.
	off- mild adds on a file construction (i.e. a distribution of the angle of the angl
į	
į	
;	
i	
At Rs. 3 pe	ಗಾ <del>ತೆಕ್ಕಾಗಿ ಅವರ ಅವರ ಅವರ</del> ಬಿ. ಬಿ. ಬಿ. ಬಿ. ಬಿ. ಬಿ. ಬಿ.
At Rs. 3 pc. Date of Measurement.	
	ಗಾ <del>ತೆಕ್ಕಾಗಿ ಅವರ ಅವರ ಅವರ</del> ಬಿ. ಬಿ. ಬಿ. ಬಿ. ಬಿ. ಬಿ. ಬಿ.
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#### 9a.

## Abstract of the above.

Year.—

Tirij Mophrid of the Lands paying Cash Rates in the Village of

Name of Tenant.	Area held by him.	Rent.
	:	

## 10.

## स्मान Laggit and वासिस-बाकी Wāsil-bāki.

YEAR.-

## Laggit of Rents payable in Cash in the Village of

#### NAME OF TENANT.-

Class of land held by him.	Area. Rate of the		he class.	Rent
Total rent				
fl	•••	•••	***	•••
Value of unrealized		for the year	•••	•••
Arrears of previous	years	***	•••	•••
Total demand	***		•••	•••
Deduct realizations	•••	•••	•••	•••
				_
Balance to be carrie	d to next yea	r's account	***	•••

## 10a.

## Abstract of the above.

#### YEAR.-

বিবিজ কমিব Tirij Laggit of Lands paying Cash Rates in the Village of
At Rs. 4 per bigha.

Name of Tenant.	Area.	Pent.
		·

#### At Rs. 3 per bigha.

Name of Tenant.	Area.	Rent.

and so on for each rate of rent.

11. शिरक पढे वारी Tirij Palewāri for the Village of

	C	lass of	Land or	Degrees of 1	Rate.	Area.	Rate.	Rent.
	1st	class	•••	•*•	•••	•>•••		••••
	2nd	do.	•••	•••		*****	*****	
,	And	so on	•••	•••			*****	
5	-							

## िषयाचा Siyāha.

YEAR.-

## Day-book of Receipts and Disbursements of Cash.

Date.-

RECEIPTS	RECEIPTS.		RE.
Name of Tenant.	Amount paid.	Description of expenditure.	Amount.
		1	

BALANCE,

12a.

Abstract of the above, or Valles Awarja, showing Expenditure only.

Amount sent to Landlord.

Date.	Amount.

## APPENDIX.

## Salary of Village Establishment paid.

Date.	Amount.
गिलनग्दाजी Gilandāji Zapense	es (Repairs to Embankments, &c.)
Date.	Amount.
L'att.	Amount.
	1
	•
15 To an employed property of the same of the state of the state of the same o	
रामन्ता Garāmta (Dict-money su	pplied to the मोड़ेत Gorait, who takes
	the Landlord).
The state of the s	
Date.	Amount.

and so on.

## मोलन्डकी Molhaki.

#### YEAR.-

## Molhaki of Payments in Cash and Kind for the Whole Year.

#### NAME OF TENANT.-

CASH PA	CASH PAYMENTS.		PAYMENTS IN KIND.	
Date.	Amount.	Date.	Amount of Grain	
		The second secon		

## 13a.

## Abstract of the above.

#### YEAR.-

Name of Tenant.		Total amount paid by him in eash.	Total amount paid by him in kind.
•	•		

#### By Dhaddha.

(In the original, the columns run across the page, instead of from top to bottom. The various cesses, &c., named are only samples, and differ in every village.)

#### YFAR.

#### Dhaddha Wasilbaki for the Whole Year in the Village of

#### Columns.

- (1) Name of tenant.
- (2) Area of holding in subheads according to rate and class.
- (3) Rent.
- (4) दुचनी duanni.*
- (5) Weighman's fees (मोनारी sonari).
- (6) काड चराइ kah charaï.
- (7) को टी सोरा kothi sora.‡
- (8) मोतरका motarpha.§
- (9) विकर्री पास bikri am (price of mangos).
- (10) तार tar (rent of toddy-palms).
- (11) Rent for mahua trees.
- (12) महन्ती machhli (fishery-dues).
- (13) Total of above.
- (14) Egi Him batta mal.
- (15) ब्हा कम्पनी batta kampani.॥
- (16) Road-cess.
- (17) Unrealized grain-rent.
- (18) Arrears.
- (19) Grand total of demand.
- (20) Deduct share of other landlords.
- (21) Remainder, i.e., fetti utt hissa khas (own share).
- (22) Realized.
- (23) Balance due.
- (24) Credit, realized in excess.

^{*} See § 1201.

[†] Dues for grazing cattle. All cattle, except buffalos, are generally exempt. Each buffalo is charged at from 2 to 4 annas a year. See § 1151.

I Rent of a saltpetre factory.

[§] Rent of houses occupied by shopkeepers, oil-men, weavers, and other non-cultivating tenants. See § 1201.

^{||} See § 1202. These are only charged on rent of land and on old settlements of other kinds. For instance, if a new settlement is made of toddy palms, it is made in Company's rupers, and no exchange rate is added to the rent. The addition of a rate of exchange, in fact, depends on whether the settlement is made in old coinage or in new; and according to custom, rent of land is generally settled, even at the present day, in the old coinage, but not so other rents.

# जमाबन्दी Jumabundi.

Jamābandi of Village

for the Whole Year

F. S.

Note.—The order of the items has been reversed for the sake of clearness. In the original, according to native custom, the totals are written first, and under them the subsidiary items. For a similar reason imaginary figures have been written against the various items.

								Area.	Demand.
Land of 1st class, at Rs. 4 Ditto 2nd ditto 3 Ditto 3rd ditto 2-8 Ditto 4th ditto 2 And so on.	::::	1111	::::	::::	: : : :	::::		В. к. рн. 200 0 0 800 0 0 500 0 0 500 0 0	Rs. A. P. 800 0 0 2,400 0 0 1,250 0 0 1,000 0 0
Total area under cultivation Add area not under cultivation Total area of village	: . <b>!</b>	:: <b>:</b>	<b>:</b> : :	::::	:::	::::	÷ : •	2,000 0 0 100 0 0 2,100 0 0	
Total rent-demand Add cesses (only legal ones entered here)	itered here) s rights, e.g.,	fishing-right	 s. Cf. § ]	 	: : <b>:</b>	: : :	:::		5,450 0 0 300 0 0 250 0 0
			Total o	Total demand under jamābandi	der <i>jamūb</i>	andi	:		6,000 0 0

चमाख्ट्च Jamaliharch.

F. S.

Note.-The order of items has been reversed as in No. 15, from which also the imaginary figures are carried into this form. for the Whole Year Jamükharch of Village

			A1	PE	NDIX.						
	RS. A. P.		4,500 0 0		747 0 0		153 0 0			1,350 0 0	6,750 0 0
	Bs. A. P.	4,000 0 0 500 0 0	500 0 0	247 0 0			:	5000	1,100 0 0	:	:
Outgoings.	Nature of Outgoings.	Realized in cash and remitted to landlord 4,000 0 0 Ditto in kind ditto ditto	Total remitted to landlord Village expenses.—Salary of establishment	गिलचाजो nilandāji* expenses	Miscellaneous expenses— परित्योचा paniyochat		Total miscellaneous expenses	With the gumāshta (in hand)		 Total balance	GRAND TOTAL
	Rs. A. P.			350 0 0						6,400 0 0	6,750 0 0
Вежалрз.	Rs. A. P.		300 0 0			0 0 000'9		0 0 005		:	:
	Nature of Demands.	Balance of arrears of previous year's jama-	(a) Principal (b) Interest thereon, and fines, &c., on defaulters in respect to it	Total Balance	Demand for present year—	(a) As per jamābūndi	(Here are entered in detail all illegal	excluded from the jamabandi)	ייי ייי לפני לייי	Total for present year	GRAND TOTAL OF DEMAND

This last balance is technically called atrif Ligi. * See No 12a | † Price of water supplied by a neighbouring landlord for irrigation.

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(The numbers refer to paragraphs.)

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